

SOUTH DAKOTA ARMY NATIONAL GUARD



TRANSFORMATION CAREER CATALOG

3 January 2007

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TRANSFORMATION CAREER CATALOG
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GENERAL INFORMATION

South Dakota National Guard History and Transformation

History

The South Dakota National Guard is proud of its 144-year heritage of serving as the state's militia. Since its origin in 1862, our Guard units served in combat during the Spanish American War, World War I and II, Operation Just Cause, Operation Desert Storm and Operations Enduring and Iraqi Freedom. Our National Guard was also called up during the Mexican Border Conflict, Korean War, Berlin Crisis, Operation Noble Eagle and peacekeeping missions in Bosnia and Kosovo. Over the years, natural disasters have called forth the spirit of teamwork and sacrifice; Rapid City Flood, blizzards and tornado destruction as what occurred at Spencer.

Today, the proud heirs of the militia tradition can be found in the nearly 4,400 men and women of the South Dakota National Guard. They still stand ready to leave the comforts of home and family – to help their friends and neighbors – defend their nation's interests...and bring peace and hope to people throughout the world.

Transformation

The South Dakota National Guard is transforming itself into the future. The active component is converting from a division structure to a smaller, lighter brigade structure. The division was the smallest self-contained unit able to deploy. This has been replaced by the Brigade Combat Team. In addition, the move from a track vehicle force to a wheeled force. This is the new Modular Army structure for the future and the brigade is now the smallest self contained unit with multi functional capability.

The South Dakota National Guard is adapting to this change as well. Its former role was as a strategic reserve to the active component. Today it is an operational force directly integrated into active component deployments and missions.

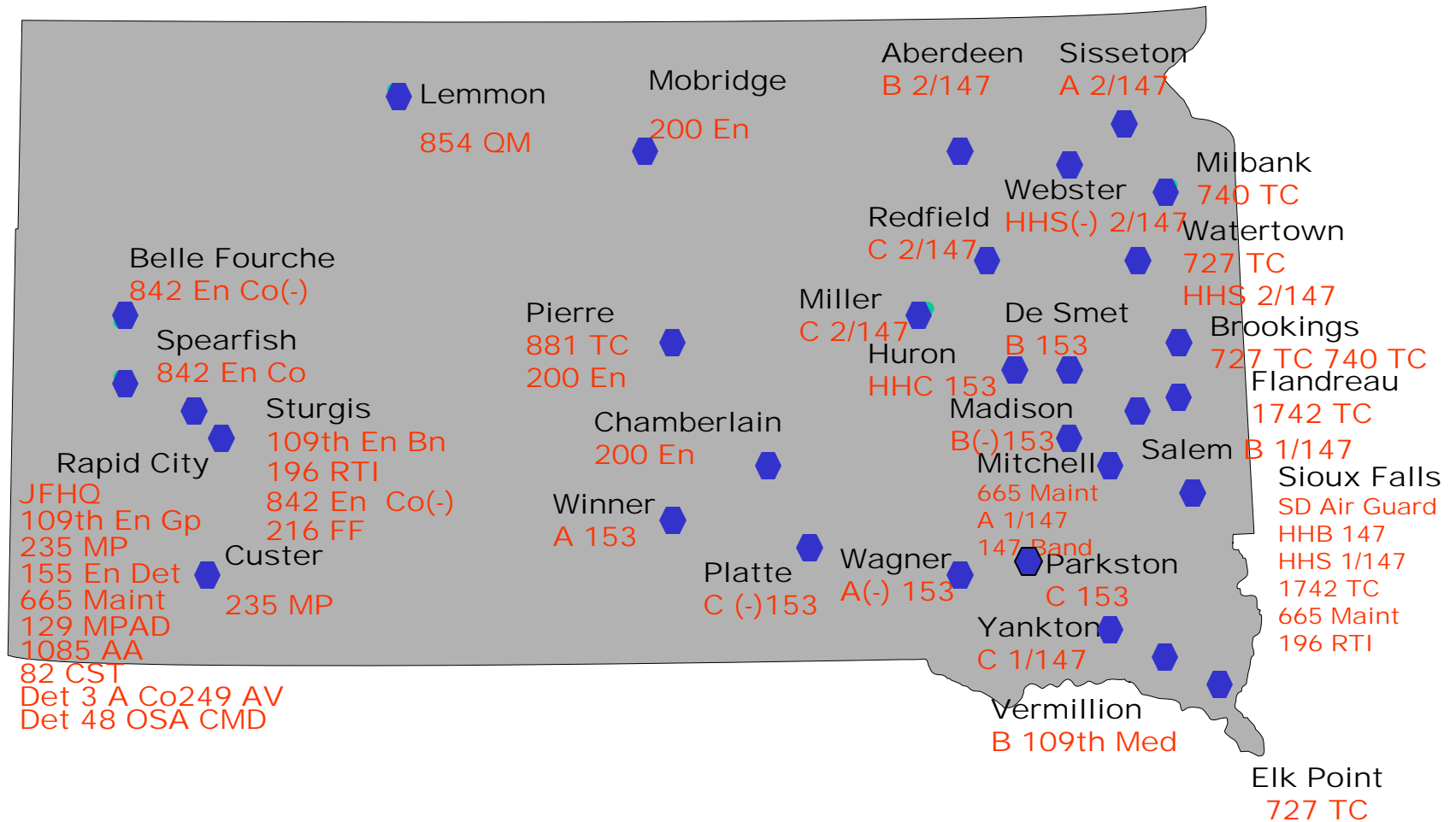
In addition to its active component obligation, the South Dakota National Guard will be able to provide in-state mission capability and response. To be flexible enough to complete both missions, the National Guard of the future will contain essential Core Joint Capabilities. Each state will be organized in this manner. Units will be transitioned in order to meet the new state National Guard structure.

The Core Joint Capabilities are:

1. Joint force Headquarters-command, control, communications, computers, intelligence, surveillance and reconnaissance (C4ISR). Reception, Staging and onward integration (RSOI).
2. Civil Support Teams (CST)
3. Maintenance
4. Aviation
5. Engineer
6. Medical
7. Communications
8. Transportation
9. Security

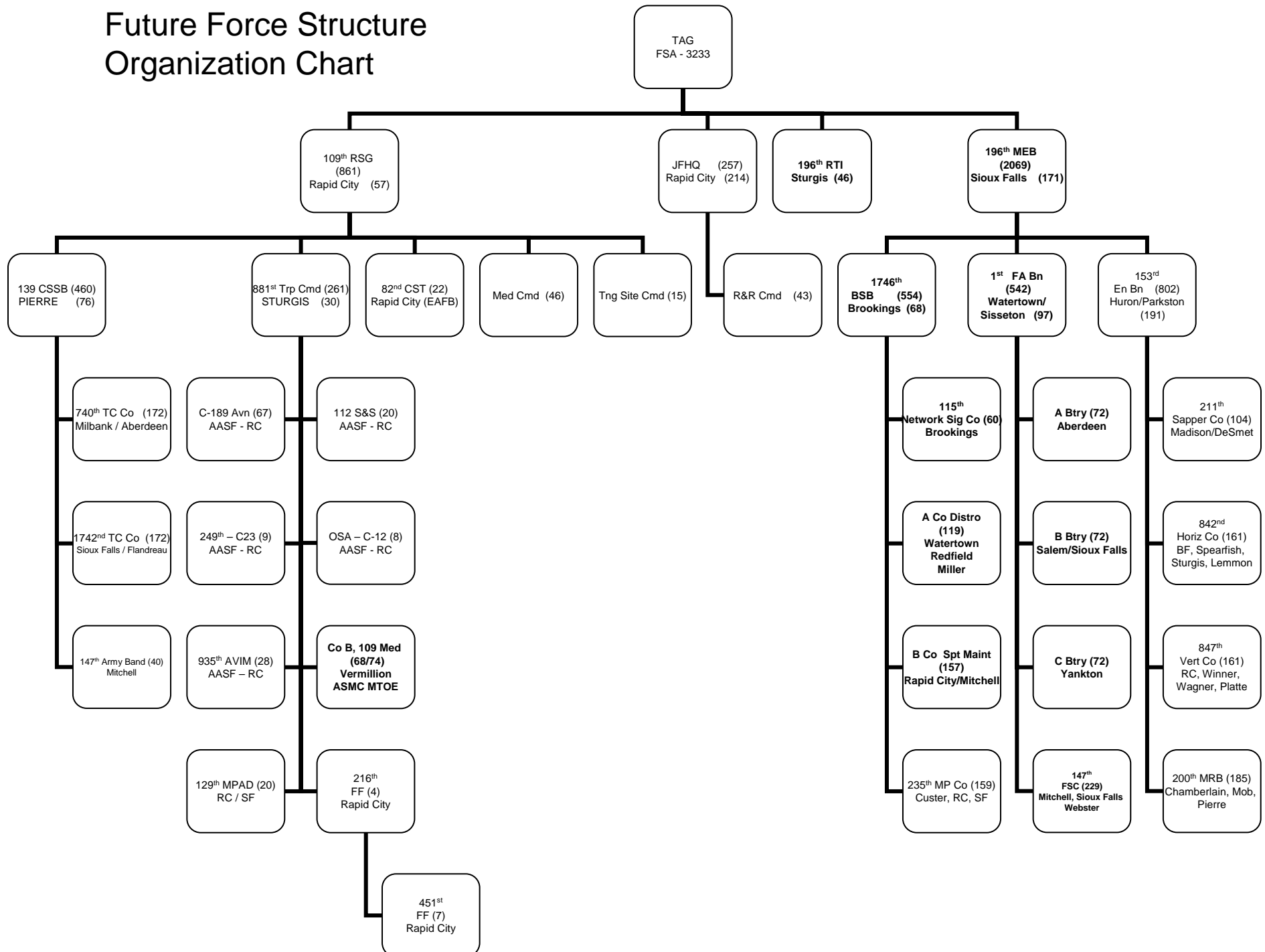


South Dakota National Guard Today



Community Based - Ready - Focused on People

Future Force Structure Organization Chart



As of 11 a.m., 13 Dec 2006

South Dakota Army National Guard Town Comparison (Current vs. Future)

Town: Aberdeen

Structure: Current: Btry. B, 2/147th FA Future: Btry. A (-), 1/147th FA (MLRS)
Det. 1, 740th TC

Traditional Guardsmen:
Current: Btry. B, 2/147th FA - 94 Future: Btry. A (-), 1/147th FA (MLRS) – 72
Det. 1, 740th TC -85
Total: 94 Total: 157

Full Time Soldiers: Current: 3 Future: 4

Female Recruits: Current: No Future: Yes 85 of 157 spaces (57%)

Notes: Aberdeen is currently the home to Battery B, 2nd Battalion, 147th Field Artillery with 94 Soldiers. In the future, Aberdeen will have Battery A, 1st Battalion, 147th Field Artillery (MLRS) with 72 Soldiers and a detachment of the 740th Transportation Company with 85 Soldiers. The transportation company is authorized to recruit females.

Town: Belle Fourche

Structure: Current: Det. 1, 842 Eng. Co. Future: Det. 1, 842 Eng. Co.
(Horizontal)

Traditional Guardsmen: Current: 30 Future: 39

Full Time Soldiers: Current: 1 Future: 1

Female Recruits: Current: Yes Future: Yes

Notes: Belle Fourche is currently the home of Det. 1, 842nd Engineer Company that has 30 Soldiers. In the future there will be a platoon of a horizontal engineer company with 39 Soldiers.

Town: Brookings

<u>Structure:</u> Current: 88 th Troop Command	Future: 1746 th Brigade Support
Det 1, 740 th TC	Battalion (BSB)
Det 1, 727 th TC	115 th Signal Co.

<u>Traditional Guardsmen:</u> Current: 88 Troop Command - 28	Future: 1746 th BSB – 68
Det. 1, 740 – 84	115 th Signal Co. - 51
Det. 1, 727 - 50	Total: 119
Total: 162	

<u>Full Time Soldiers:</u> Current: 9	Future: 12
Maint. Shop: 7	Maint. Shop: 7

<u>Female Recruits:</u> Current: Yes	Future: Yes
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Notes: In Brookings the 88th Troop Command will roll up its flag and its TDA positions are added to the JFHQ TDA. Det. 1, 740th Transportation Company will have 84 Soldiers relocate to Aberdeen. Det. 1, 727th Transportation Company will be reflagged as Company A (Distribution), 1746th Brigade Support Battalion located in Watertown, Redfield and Miller. In the future, the headquarters for the 1746th Brigade Support Battalion with 68 Soldiers and the 115th Signal Company with 51 Soldiers will be in Brookings.

Town: Chamberlain

<u>Structure:</u> Current: Det. 1, 200 th Eng. Co.	Future: Det. 1, 200 th Eng. Co.
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<u>Traditional Guardsmen:</u> Current: 48	Future: 50
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<u>Full Time Soldiers:</u> Current: 1	Future: 1
Maint. Shop: 4	Maint. Shop: 4

<u>Female Recruits:</u> Current: Yes	Future: Yes
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Notes: Det. 1, 200th Engineer Company has 48 Soldiers currently located in Chamberlain. In the future, the unit will increase its number to 50 Soldiers.

Town: Custer

Structure: Current: 235th MP Co. (-) Future: Det 1, 235th MP Co.

Traditional Guardsmen: Current: 52 Future: 52

Full Time Soldiers: Current: 1 Future: 1

Female Recruits: Current: Yes Future: Yes

Notes: Custer is home to the 235th Military Police Company with 52 Soldiers. In the future, the headquarters will move to Rapid City and there will be a detachment in Custer and Sioux Falls.

Town: DeSmet

Structure: Current: Det. 1, Co. B, 153rd Eng. Bn. Future: Det. 1, 211th Eng. Sapper Co.

Traditional Guardsmen: Current: 31 Future: 28

Full Time Soldiers: Current: 1 Future: 1

Female Recruits: Current: No Future: No

Notes: Det. 1, Company B, 153rd Engineer Battalion has 31 Soldiers currently located in DeSmet. This detachment will convert to an engineer sapper unit with 28 Soldiers. This new force structure does not allow females.

Town: Flandreau

Structure: Current: Det. 1, 1742nd TC Future: Det. 1, 1742nd TC

Traditional Guardsmen: Current: 52 Future: 52

Full Time Soldiers: Current: 1 Future: 1

Female Recruits: Current: Yes Future: Yes

Notes: Det. 1, 1742nd Transportation Company has 52 Soldiers currently located in Flandreau. No changes are planned for this unit or community.

Town: Huron

Structure: Current: HHC, 153rd Eng. Bn. Future: HHC, 153rd Eng. Bn. (-)

Traditional Guardsmen: Current: 116 Future: 132

Full Time Soldiers: Current: 9 Future: 10

Female Recruits: Current: Yes Future: Yes

Notes: Headquarters and Headquarters Company, 153rd Engineer Battalion has 116 Soldiers currently located in Huron. The 153rd Engineer Battalion converts to a larger engineer battalion with a headquarters detachment located in Parkston. Total unit size is 171 (132 in Huron and 41 in Parkston). The unit will continue to be able to recruit females.

Town: Lemmon

Structure: Current: 854th Quartermaster Det. Future: Det. 3, 842nd Eng. Co.
(Haul Platoon)

Traditional Guardsmen: Current: 48 Future: 42

Full Time Soldiers: Current: 1 Future: 1

Female Recruits: Current: Yes Future: Yes

Notes: The 854th Quartermaster Detachment has 48 Soldiers currently located in Lemmon. The quartermaster unit converts to a haul platoon of an engineer horizontal construction company with 42 Soldiers.

Town: Madison

Structure: Current: Co. B, 153rd Eng. Bn. Future: 211th Eng. Sapper Co. (-)

Traditional Guardsmen: Current: 92 Future: 76

Full Time Soldiers: Current: 3 Future: 3

Female Recruits: Current: No Future: No

Notes: Company B, 153rd Engineer Battalion has 92 Soldiers currently located in Madison. Company B will inactivate and a new engineer sapper company with 76 Soldiers will be stationed in Madison. This sapper company has a detachment of 28 Soldiers located in DeSmet. The total size for the 211th Engineer Sapper Company is 104 Soldiers.

Town: Milbank

Structure: Current: 740th TC (-) Future: 740th TC (-)

Traditional Guardsmen: Current: 85 Future: 87

Full Time Soldiers: Current: 2 Future: 3

Female Recruits: Current: Yes Future: Yes

Notes: Milbank is home to the 740th Transportation Company with 85 Soldiers. There is an increase of 2 Soldiers to Milbank. The detachment of the 740th Transportation Company is located in Aberdeen with 85 Soldiers. Total size for the 740th Transportation Company will be 172 Soldiers.

Town: Miller

Structure: Current: Det. 1, Btry. C, 2/147th FA Future: Det __, Co. A, 1746th BSB
(Distribution)

Traditional Guardsmen: Current: 35 Future: 30

Full Time Soldiers: Current: 1 Future: 1

Female Recruits: Current: No Future: Yes

Notes: Det. 1, Battery C, 2nd Battalion, 147th Field Artillery has 35 Soldiers in Miller. Det. 1, Battery C, 2nd Battalion, 147th Field Artillery will be converted to a detachment of Company A (Distribution), 1746th Brigade Support Battalion serving as a distribution truck company with 30 Soldiers. This unit is authorized to recruit females.

Town: Mitchell

Structure: Current: 665th Maint. Co. (-)
147th Army Band
Btry. A, 1/147th FA Future: Co. B, 1746th BSB
(Maintenance) (-)
147th Army Band
147th Forward Support Company
(MLRS) (-)

Traditional Guardsmen: Current: 665th Maint. Co. - 129 Future: Co. B, 1746th BSB - 96

147 th Army Band - 41	147 th Army Band - 40
Btry. A, 1/147 th FA - 91	147 th FSC (MLRS) (-) - 88
Total: 261	Total: 224

<u>Full Time Soldiers:</u> Current: 8 (units)	Future: 9 (units)
46 Maint. Shop	46 Maint. Shop

Female Recruits: Current: Yes, 170 of 261 (65%) Future: Yes (all)

Notes: Currently in Mitchell, the 665th Maintenance Company (-) has 129 Soldiers. The 147th Army Band has 41 Soldiers. Battery A, 1st Battalion, 147th Field Artillery has 91 Soldiers.

The primary change in Mitchell is the transition of Battery A, 1st Battalion, 147th Field Artillery to the 147th Forward Support Company (MLRS). The new forward support company has a total of 229 Soldiers (88 in Mitchell, 89 in Sioux Falls, 52 in Webster). The 665th Maintenance Company will convert to Company B (Maintenance), 1746th Brigade Support Battalion with a total of 157 Soldiers (96 in Mitchell, 61 in Rapid City). The 147th Army Band will have 40 Soldiers. All positions in Mitchell will be open to females.

Town: Mobridge

<u>Structure:</u> Current: Det. 2, 200 th Eng. Co.	Future: Det. 2, 200 th Eng. Co.
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<u>Traditional Guardsmen:</u> Current: 56	Future: 56
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<u>Full Time Soldiers:</u> Current: 1	Future: 1
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<u>Female Recruits:</u> Current: Yes	Future: Yes
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Notes: Mobridge will remain the home of Det. 2, 200th Engineer Company with 56 Soldiers.

Town: Parkston

<u>Structure:</u> Current: Co. C, 153 rd Eng. Bn.	Future: Det. 1, HHC, 153 rd Eng. Bn.
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<u>Traditional Guardsmen:</u> Current: 61	Future: 41
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<u>Full Time Soldiers:</u> Current: 3	Future: 3 (1 Required)
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<u>Female Recruits:</u> Current: No	Future: Yes
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Notes: Currently, Parkston is home to 61 Soldiers with Company C, 153rd Engineer Battalion. The Parkston unit will convert to Det. 1, Headquarters and Headquarters Company, 153rd Engineer Battalion with 41 Soldiers. This unit will be authorized to recruit females.

Town: Pierre

Structure: Current: 881st Troop Command
200th Eng. Co. (-)

Future: 139th Combat Sustainment
Support Battalion (CSSB)
200th Eng. Co. (-)

Traditional Guardsmen: Current: 881st TC – 24
200th Eng. Co. - 79
Total: 103

Future: 139th CSSB - 76
200th Eng. Co. - 79
Total: 155

Full Time Soldiers: Current: 10

Future: 14

Female Recruits: Current: Yes

Future: Yes

Notes: Pierre is the current home of the 200th Engineer Company with 79 Soldiers and the 881st Troop Command with 24 Soldiers. In the future, the 881st Troop Command will relocate to Sturgis, the 200th Engineer Company will remain at the same strength, and the 139th Combat Sustainment Support Battalion with 76 Soldiers will be headquartered in Pierre.

Town: Platte

Structure: Current: Det. 1, Co. C, 153rd Eng. Bn.

Future: Det. __, 847th Eng. Co.

Traditional Guardsmen: Current: 61

Future: 24

Full Time Soldiers: Current: 1

Future: 1

Female Recruits: Current: No

Future: Yes

Notes: Det. 1, Company C, 153rd Engineer Battalion currently has 61 Soldiers in Platte. In the future, Company C, 153rd Engineer Battalion converts to a detachment of the 847th Engineer Company (Vertical). The new unit will have 30 Soldiers and authorized to recruit females.

Town: Rapid City

Structure: Current: JFHQ

Training Site Cmd.
Rec. and Ret. Cmd.
Medical Cmd.
82nd CST
109th Eng. Group
129th MPAD (-)
Det. 1, 235th MP Co.
155th Eng. Det.
Det 1, 665th Maint. Co.
1085th Medical Co.
Det. 3, Co. F, 238th AVIM
Det. 3, Co. A, 249th (C-23)
Det. 48, OSAD (C-12)
RAID (Counterdrug)

Future: JFHQ

Training Site Cmd.
Rec. and Ret. Cmd.
Medical Cmd.
82nd CST
109th Regional Support Cmd. (RSG)
129th MPAD (-)
235th MP Co. (-)
847th Eng. Co. (Vertical) (-)
Det __, Co. B, 1746th BSB (Maint.)
Co. C, 1/189th Aviation
935th AVIM
Det. 3, Co. A, 249th (C-23)
Det. 48, OSAD (C-12)
Det. 2, Co. A, 1/112th S&S Bn.
216th Eng. Det. (Fire Fighting)
451st Fire Fighting Team
1978th AQ (P&C)

Traditional Guardsmen:

Current: JFHQ - 197

Tng. Site Cmd. - 15
Rec. & Ret Cmd. - 39
Medical Cmd. - 45
82nd CST - 22
109th Eng. Group - 74
Det. 1, 235th MP - 72
155th Eng. Det. - 57
Det. 1, 665th Maint. - 91
1085th Medical Co. - 106
Det. 3, Co. F, 238th AVIM - 19
Det. 3, Co. A, 249th (C-23) - 9
Det. 48, OSAD (C-12) - 8
RAID (Counterdrug) - 13
129th MPAD - 10

Total: 777

Future: JFHQ - 214

Tng. Site Cmd. - 15
Rec. & Ret. Cmd. - 43
Medical Cmd. - 46
82 CST - 22
109th RSG - 57
235th MP Co. (-) - 55
847th Eng. Co. (Vertical) (-) - 58
Det. __, Co. B, 1746th BSB - 61
Co. C, 1/189th Aviation - 67
935th AVIM - 28
Det. 3, 249th (C-23) - 9
Det. 48, OSAD (C-12) - 8
Det. 2, Co. A, 1/112th S&S - 20
129th MPAD - 10
216th Eng. Det. (FF) - 4
451st FF Team - 7
1978th AQ (P&C) - 4

Total: 728

Full Time Soldiers: Current: 257 (units)

54 (31 AASF / 23 Maint.)

Future: 254 (units)

54 (31 AASF / 23 Maint.)

Female Recruits: Current: Yes

Future: Yes

Notes: Rapid City is home to Joint Force Headquarters with 197 Soldiers. The Training Site Command has 15 Soldiers, the Recruiting and Retention Command has 44 Soldiers, the Medical Command has 45 Soldiers, and the 82nd Civil Support Team has 22 Soldiers. The 109th Engineer Group has 74 Soldiers. Det. 1, 235th Military Police Company has 72 Soldiers, and the 155th Engineer Detachment has 57 Soldiers. Det. 1, 665th Maintenance Company has 91 Soldiers, the 1085th Medical Company (Air Ambulance) has 106 Soldiers, Det. 3, Company F, 238th Aviation Intermediate Maintenance Company has 19 Soldiers, and Det. 3, Company A, 249th Aviation has nine Soldiers. Det. 48, Operational Support Airlift has eight Soldiers, the Reconnaissance and Interdiction Detachment (Counterdrug) has 13 Soldiers, and the 129th Mobile Public Affairs Detachment has 10 Soldiers.

In the future, Joint Force Headquarters will increase to 214 Soldiers, the Training Site Command will not change with 15 Soldiers, the Recruiting and Retention Command will increase to 43 Soldiers, the Medical Command will increase to 46 Soldiers, and the 82nd Civil Support Team will not change with 22 Soldiers.

The headquarters of the 235th Military Police Company will have 55 Soldiers, and Det. 1, 665th Maintenance Company will convert to Company B (Maintenance), 1746th Brigade Support Battalion with 61 Soldiers.

The Reconnaissance and Interdiction Detachment will be replaced by Det. 2, Company A, 1st Battalion, 112th Aviation and will have 20 Soldiers. The 1085th Medical Company (Air Ambulance) will reorganize to Company C, 1st Battalion, 189th Aviation with 67 Soldiers. Det. 3, Company A, 249th Aviation will continue to have nine Soldiers, Det. 48, Operational Support Airlift will not change with eight Soldiers, and Det. 3, 238th Aviation Intermediate Maintenance Company converts to the 935th Aviation Intermediate Maintenance Company with 28 Soldiers.

The 129th Mobile Public Affairs Detachment has 10 Soldiers and will gain a detachment of 10 Soldiers in Sioux Falls.

The 155th Engineer Detachment (Vertical) converts to the 847th Engineer Company (Vertical) (-) and changes from 55 to 58 Soldiers. The 216th Engineer Company (Fire Fighting) relocates to Rapid City with four Soldiers and the 451st Fire Fighting Team with seven Soldiers.

An Acquisition Corp (AC) Purchasing and Contracting unit made up of four Soldiers will be located in Rapid City.

The biggest changes in Rapid City will be the conversion of the 109th Engineer Group to the 109th Regional Support Group with 57 Soldiers.

Town: Redfield

Structure: Current: Btry. C, 2/147th FA

Future: Det. __, Co. A, 1746th BSB
(Distribution)

Traditional Guardsmen: Current: 59

Future: 35

Full Time Soldiers: Current: 2

Future: 1

Female Recruits: Current: No

Future: Yes

Notes: Redfield is currently the home of Battery C, 2nd Battalion, 147th Field Artillery with 59 Soldiers. In the future, the unit will convert to Det. __, Company A (Distribution), 1746th Brigade Support Battalion with 35 Soldiers. This new unit is authorized to recruit females.

Town: Salem

Structure: Current: Btry. B, 1/147th FA Future: Btry. B, 1/147th FA (MLRS)

Traditional Guardsmen: Current: 51 Future: 35

Full Time Soldiers: Current: 3 Future: 1

Female Recruits: Current: No Future: No

Notes: Currently in Salem B Battery, 1st Battalion, 147th Field Artillery has 51 Soldiers. No changes are planned for this unit except the reduction of the number of Soldiers to 35.

Town: Sioux Falls

<u>Structure:</u> Current: HHB, 147 th FA Bde. Det. 3, 665 th Maint. Co HHS, 1/147 th FA Det. 1, Btry. B, 1/147 th FA 1742 nd TC (-) 1/196 th RTI	Future: 196 th Maneuver Enhancement Brigade (MEB). Det. 1, Btry. B, 1/147 th FA (MLRS) Det. 2, 147 th FSC 1742 nd TC 1/196 th RTI. Det. 1, 129 th MPAD Det. 2, 235 th MP Co.
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<u>Traditional Guardsmen:</u> Current: HHB, 147 th FA – 1 HHS, 1/147 th FA - 124 Det. 1, B-1/147 th FA - 40 1742 nd TC (-) - 117 Det. 3, 665 th Maint. Co - 30 1/196 th RTI - 2 Total: 428	Future: 196 th MEB. - 172 Det. 2, 147 th FSC - 89 Det. 1, Btry. B, 1/147 th FA - 37 1742 nd TC (-) - 120 Det. 2, 235 th MP Co - 52 1/196 th RTI – 2 Det. 1, 129 th MPAD - 10 Total: 482
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<u>Full Time Soldiers:</u> Current: 27 (units) 17 (Maint.)	Future: 25 (units) 17 (Maint.)
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Female Recruits: Current: Yes, 262 of 428 (62%) Future: Yes, 417 of 491 (85%)

Notes: The units currently in Sioux Falls are the headquarters for the 147th Field Artillery Brigade with 115 Soldiers and 1st Battalion, 147th FA with 124 Soldiers, Det. 1, Battery B, 1st Battalion, 147th FA has 40 Soldiers, the 1742nd Transportation Company has 117 Soldiers,

Det. 3, 665th Maintenance Company has 30 Soldiers, and 1st Battalion, 196th Regional Training Institute has two Soldiers.

In the future, Sioux Falls will have Headquarters and Headquarters Battery, 147th Field Artillery Brigade inactivates and converts to the 196th Maneuver Enhancement Brigade with 172 Soldiers.

The 1742nd Transportation Company will increase to 120 Soldiers, and Det. 1, 129th Mobile Public Affairs Detachment will be activated and have 10 Soldiers. A detachment of the 235th Military Police Company will be stationed in Sioux Falls with 52 Soldiers, and Det. 1, Battery B, 1st Battalion, 147th FA (MLRS) will have the number of Soldiers in the battery reduced to 37.

There will be an increase of 54 Soldiers to Sioux Falls, and the ability to recruit female Soldiers increases from 62% to 85%.

Town: Sisseton

Structure: Current: Btry. A, 2/147th FA Future: Det. 1, HHS, 1/147th FA (MLRS)

Traditional Guardsmen: Current: 42 Future: 30

Full Time Soldiers: Current: 2 Future: 1

Female Recruits: Current: No Future: No

Notes: Currently Sisseton is home to the headquarters of Battery A, 2nd Battalion, 147th Field Artillery with 42 Soldiers. In the future there will be Det. 1, Headquarters and Headquarters Section, 1st Battalion, 147th Field Artillery (MLRS) with 30 Soldiers.

Town: Spearfish

Structure: Current: 842nd Eng. Co. (-) Future: 842nd Eng. Co. (Horizontal) (-)

Traditional Guardsmen: Current: 83 Future: 50

Full Time Soldiers: Current: 4 Future: 3

Female Recruits: Current: Yes Future: Yes

Notes: In Spearfish the 842nd Engineer Company has 83 Soldiers. In the future, the 842nd Engineer Company will become a horizontal construction company with 50 Soldiers.

Town: Sturgis

Structure: Current: 109th Eng. Bn.
Det. 2, 842nd Eng. Co.
196th RTI
216th Eng. Det. (Fire Fighting)

Future: 881st Troop Command
Det. 2, 842nd Eng. Co. (Horizontal)
196th RTI

Traditional Guardsmen:

Current: 109 th Eng. Bn. - 40	Future: 881 st Troop Command - 30
Det. 2, 842 nd Eng. Co. - 49	Det. 842 nd Eng. Co. - 30
196 th RTI - 44	196 th RTI - 44
216 th Eng. Det. - 10	
Total: 142	Total: 101

Full Time Soldiers: Current: 19 (units)
9 (Maint)

Future: 16 (units)
9 (Maint)

Female Recruits: Current: Yes

Future: Yes

Notes: Currently in Sturgis, the 109th Engineer Battalion has 40 Soldiers, Det. 2, 842nd Engineer Company has 49 Soldiers, the 196th Regional Training Institute has 44 Soldiers, and the 216th Engineer Detachment (Fire Fighting) has 10 Soldiers.

In the future, the 109th Engineer Battalion will inactivate and convert to the 881st Troop Command with 30 Soldiers. There will be a detachment from the 842nd Engineer Company (Horizontal) with 30 Soldiers. The 196th Regional Training Institute will remain with 44 Soldiers and the 216th Engineer Detachment (Fire Fighting) will relocate to Rapid City.

Town: Vermillion

Structure: Current: Co. B, 109th Med. Bn.

Future: Area Medical Support Company

Traditional Guardsmen: Current: 68

Future: 82

Full Time Soldiers: Current: 3

Future: 3

Female Recruits: Current: Yes

Future: Yes

Notes: Company B, 109th Medical Battalion currently has 68 Soldiers in Vermillion and is scheduled to change to an area medical support company and increase its number of Soldiers to 82.

Town: Wagner

Structure: Current: Co. A, 153rd Eng. Bn. Future: Det. __, 847th Eng. Co (Vertical)

Traditional Guardsmen: Current: 61 Future: 46

Full Time Soldiers: Current: 3 Future: 1

Female Recruits: Current: No Future: Yes

Notes: Wagner is currently home to Company A, 153rd Engineer Battalion with 61 Soldiers. In the future, Company A, 153rd Engineer Battalion will convert to a detachment of the 847th Engineer Company (Vertical). This new unit allows females.

Town: Watertown

Structure: Current: HHS, 2/147th FA (-) Future: 1/147th FA (MLRS) (-)
Det. 1, Btry. A, 2/147th FA Co. A, 1746th BSB (Distribution) (-)
Det. 2, 727th TC

Traditional Guardsmen:

Current: HHS, 2/147th FA (-) - 96 Future: 1/147th FA (MLRS)(-) - 67
Det. 1, A-2/147th FA - 52 Co. A, 1746th BSB (Distribution) (-) - 54
Det. 2, 727th TC - 37
Total: 185 Total: 121

Full Time Soldiers: Current: 15 Future: 13

Female Recruits: Current: Yes, 37 of 185 (20%) Future: Yes, 54 of 121 (45%)

Notes: Currently in Watertown is Headquarters and Headquarters Section, 2nd Battalion, 147th Field Artillery with 96 Soldiers. Det. 1, Battery A, 2nd Battalion, 147th Field Artillery has 52 Soldiers and Det. 2, 727th Transportation Company has 37 Soldiers.

In the future, 2nd Battalion, 147th Field Artillery will transition to 1st Battalion, 147th Field Artillery with 67 Soldiers in Watertown and 30 Soldiers at the Headquarters and Headquarters Section, 1st Battalion, 147th Field Artillery in Sisseton. Det. 2, 727th Transportation Company will convert to Company A (Distribution), 1746th Brigade Support Battalion with 54 Soldiers. The opportunity to recruit females will increase.

Town: Webster

Structure: Current: Det. 2, 665th Maint. Co.
Det. 1, HHS, 2/147th FA Future: Det. 1, 147th FSC (MLRS)

Traditional Guardsmen:
Current: Det. 2, 665th Maint Co.- 25 Future: Det. 1, 147th FSC (MLRS) - 52
Det. 1, HHS – 31
Total: 56 Total: 52

Full Time Soldiers: Current: 1 (unit) Future: 1 (unit)
8 (Maint.) 8 (Maint.)

Female Recruits: Current: Yes Future: Yes

Notes: Currently in Webster, Det. 2, 665th Maintenance Company has 25 Soldiers and Det. 1, Headquarters and Headquarters Section, 2nd Battalion, 147th Field Artillery has 31 Soldiers. In the future, there will be Det. 1, 147th Forward Support Company that supports 1st Battalion, 147th Field Artillery (MLRS). The new unit will be able to recruit females.

Town: Winner

Structure: Current: Det. 1, Co. A, 153rd Eng. Bn. Future: Det. __, 847th Eng. Co. (Vertical)

Traditional Guardsmen: Current: 61 Future: 34

Full Time Soldiers: Current: 1 Future: 1

Female Recruits: Current: No Future: Yes

Notes: Currently in Winner, Det. 1, Company A, 153rd Engineer Battalion has 61 Soldiers. In the future, Det. 1, Company A, 153rd Engineer Battalion converts to Det. __, 847th Engineer Company (Vertical) with 34 Soldiers. The new unit is authorized to recruit females.

Town: Yankton

Structure: Current: Btry. C, 1/147th FA

Future: Btry. C, 1/147th FA (MLRS)

Traditional Guardsmen: Current: 91

Future: 72

Full Time Soldiers: Current: 3

Future: 3

Female Recruits: Current: No

Future: No

Notes: Currently in Yankton, Battery C, 1st Battalion, 147th Field Artillery has 91 Soldiers. Battery C, 1st Battalion, 147th Field Artillery will remain in Yankton but the number of Soldiers is reduced from 91 to 72.

PERSONNEL GUIDANCE

ENLISTED MANAGEMENT

UTILIZATION AND ASSIGNMENT GUIDANCE:

Utilization/Assignment of Field Grade Officers and Senior NCOs (MAJ-LTC; E7-E9) – 05/06 Command Level Only. The J1 will publish state-wide job announcements for these positions. Interested personnel must submit an application to be considered for any of these positions.

Utilization/Assignment (Remaining Personnel). Reference NGR (AR) 600-200. Soldiers assigned to units which are simply relocating to a new community will not be involuntarily displaced due to transformation/modularity. These Soldiers will remain in their existing duty position unless they volunteer for reassignment to another unit. In all other cases (new force structure units), Commanders should first cross level Soldiers into positions commensurate with their grade. Priority for filling positions should be as follows – (a) Soldiers currently assigned to the unit in their primary MOS and current grade; (b) Soldiers currently assigned to the unit who are excess/overgrade; (c) Priority placement (AGR/Technicians); (d) Soldiers who currently have or may be eligible for a bonus; and (e) all other Soldiers. Soldiers assigned to positions for which they are not MOS qualified will have 24 months from the date of assignment to complete qualifications for their new MOS. NOTE: The TAG is the state approval authority for exceptions to the above policy.

ENLISTED PROMOTION SYSTEM (EPS):

The following guidance prescribes enlisted management procedures that are in effect throughout transformation/modularity. This guidance is intended to assist commanders with transformation issues regarding enlisted personnel matters. Our Soldiers are our greatest assets and must be given every consideration while going through this transformation. The first step should be to counsel Soldiers as to the options available to include:

- a. Reassignment/Transfer to a position for which qualified
- b. Reclassification options
- c. Training requirements for new MOS
- d. Promotion options while under reorganization
- e. Standby Advisory Boards to reclassify onto an alternate list for CPMOS
- f. Monetary effects on Soldiers to include incentive benefits

NCO EVALUATIONS: In accordance with AR 623-3 and DA PAM 623-3, Change of Rater evaluations will be prepared by the losing unit for any Soldier that elects to transfer to another unit during this transformation. Legacy unit First Sergeants are highly encouraged to complete NCOERs prior to the unit's inactivation. When this is not possible, the losing unit will process the evaluation and forward to the gaining unit for Soldier signature NLT than 30 days after the effective date of transfer.

MOS RECLASSIFICATION GUIDANCE: Soldiers who will be involuntarily reclassified into another MOS due to unit conversion will be treated in accordance with transformation guidance per OPLAN 07-02 (FY08 Transformation/Modularity). Soldiers may remain MOS qualified for up to one year after the effective date of the unit conversion, or until reclassified in a new MOS, whichever occurs first. Soldiers promoted into a new MOS must become qualified within 12 months. If training requirements will cause the Soldier to exceed the 12 month time frame, an extension is authorized. No formal request is needed. If a Soldier has made an election that will place him/her in an excess and/or over grade position, the commander will counsel the Soldier in writing so that the affected Soldier acknowledges that he/she will have one year from the effective date of transfer to find a position commensurate with their grade or be reduced. NOTE: No Soldier will be reduced due to transformation/reorganization without prior TAG approval.

OVERSTRENGTH: Overstrength policy remains in effect throughout transformation. Soldiers in the grades of PV1 through SSG, and 2LT through CPT will not exceed 125% of the authorized MTOE strength. Likewise, technical service Warrant Officer positions, WO1 and CW2, will not exceed 200% of MTOE strength.

PROMOTIONS:

Once a Carrier UIC has been activated for the new force structure, Commanders will be authorized to assign/promote Soldiers into unit vacancies. Commanders of “legacy” units must carefully consider whether it is prudent to backfill and/or promote Soldiers into “legacy” unit vacancies. All EPS actions that would normally be used to backfill vacancies in the “legacy” unit will need prior command, J1, and State Command Sergeant Major approval.

As unit vacancies occur, unit’s will post all lateral announcements for 30 days state-wide to ensure that all eligible Soldiers have a fair chance at applying for positions. All announcements will be posted on the SDARNG web page so that maximum visibility can be given to everyone across the state. Units should continue the use of AKO email and bulletin boards to post active vacancy announcements.

EXCESS/OVERGRADE MANAGEMENT. In accordance with the Adjutant General’s guidance, every attempt will be made for Soldiers who desire to remain in their existing unit and/or branch/MOS. However, in some cases this likely will result in the Soldier being assigned as excess or possibly in an overgrade position. In such circumstances, Soldiers assigned as excess/overgrade will have 12 months to find a valid unit vacancy. After 12 months, Soldiers still overgrade will be placed in a vacant position and may be reduced to a grade commensurate with their current duty assignment. Commands will counsel overgrade Soldiers on this requirement. NOTE: No Soldier will be reduced due to transformation/reorganization without TAG approval.

Incentives

NGB Incentive Policy (Bonuses & Student Loan only – not GI Bill) 06-03, dated 28 October 2005 outlines that Soldier will have 36 months from the date they vacate their current position due to the transformation to become MOS Qualified (MOSQ) without any negative impacts. Soldiers will continue to receive any payments due to them in that 36 month time frame as long as they are actively enrolled in a MOSQ course. Soldiers may also reenlist if they are not duty MOSQ for an incentive, but they must be actively enrolled in a MOSQ course. Soldiers who refuse to participate in MOSQ courses or fail academically will be recouped any monies that were paid after they became non-MOSQ. The TAG is the only approving authority for any exception to the 36 month MOSQ time frame.

The ARNG currently offers a \$2,000 MOS Conversion Bonus for Soldiers that meet the criteria below.

Eligible for the MOS Conversion Bonus

A Soldier who is reclassifying in a **NEW** MOS

Must be in a MOS **AND** a skill level that is less than 90% in the specific unit (by Co, Btry, etc)
E-5 below (or E-6 with less than 10 years service from PEBD)

Must complete a written agreement to serve 3 years in the new MOS (from the date of MOSQ)

NOT Eligible for the MOS Conversion Bonus

Soldiers that are serving on a critical skill (MOS) enlistment bonus

(check the Soldiers bonus contract)

E-6 (with 10 years or more) and up

The \$2,000 lump sum payment will be made upon the awarding of the new MOS, this will also be the date the 3 years of service begins. The MOS Conversion Bonus can be paid concurrently with all other bonus except a critical skill (MOS) enlistment bonus. The rules for termination, removal from the program are outline in the ARNG FY 2006 MOS Conversion Bonus implementation Policy, dtd 23 Feb 2006.

Currently, Soldiers that are using the GI Bill and/or GI Bill Kicker will have 24 months to become duty MOSQ. Service members who fail to become MOS qualified in the new MOS within 24 months, or who do not return to an ARNG GI Bill Kicker authorized MOS and/or unit, will have their GI Bill Kicker terminated without recoupment.

FY 2007 SRIP & GI Bill Kicker Critical MOS List
(Effective 1Jan07-31Mar07)

NGB "Top Ten" Critical Skills:

11B, 13B, 13F, 21B, 21E, 31B, 63B, 74D, 88M, and 92F

South Dakota Critical Skills:

**15T, 21C, 21J, 21K, 21R, 21W, 25B, 25U, 42A, 52C, 52D, 62B
63H, 63J, 68W, 92A, 92G, 92Y, 92W, and 94F**

= ADDED MOS

ARNG FY07 MOS List is the basis for determining whether or not a Soldier is entitled to a critical skill (MOS) enlistment bonus. With the exception of the NGB "Top Ten," Commands may request changes to the current Critical Skills MOS List by submitting a formal memorandum thru command channels to the JFHQ-SD J1, ATTN: SSG Johnson. The Command memorandum also must identify which MOS(s) the command would like removed from the list.

Additional information pertaining to education and incentives can be found in Chapter 10 of the SDARNG Guide to Personnel Readiness.

ENLISTED MOS QUALIFICATION QUICK REFERENCE

OLD MOS	NEW	LINE SCORE	PULHES	COLOR	CAREER	TRAINING	SPECIAL REQRMNT
	09R	GT 110	222222	NON	SIMULTANEOUS MEMBERSHIP PROGRAM (SMP)		
	11B	CO 87	111221	R/G	INFANTRYMAN	13 WKS 3 DAYS	SECRET
	11C	CO 87	111221	R/G	INDIRECT FIRE INFANTRYMAN	13 WKS 3 DAYS	SECRET
	13B	FA 93	222221	R/G	CANNON CREWMEMBER	14 WKS 4 DAYS	
	13D	FA 93	222221	R/G	FA AUTOMATED TACTICAL DATA SYSTEM SPEC	7 WKS 1 DAY	SECRET
	13F	FA 96	111111	NOR	FIRE SUPPORT SPECIALIST	7 WKS 1 DAY	SECRET
	13M	OF 95	222221	R/G	MLRS/HIMARS CREWMEMBER		SECRET
	13P	FA 96	222221	R/G	MLRS OPERATIONS/FIRE DIRECTION SPECIALIST		SECRET
	13R	SC 98	222221	NOR	FIELD ARTILLERY FIRFINDER RADAR OPERATOR	8 WKS 2 DAYS	
82C	13S	ST 92	211211	NOR	FIELD ARTILLERY SURVEYOR	7 WKS 1 DAY	
	13W	EL 93	222221	NOR	FA METEROLOGICAL CREWMEMBER	7 WKS 3 DAYS	SECRET
68B	15B	MM 104	222222	NOR	AIRCRAFT POWERTRAIN REPAIRER	17 WKS 4 DAYS	NO RECRD ALC/DRUG
68D	15D	MM 104	222222	NOR	AIRCRAFT POWERTRAIN REPAIRER	17 WKS	NO RECRD ALC/DRUG
68F	15F	MM 104	222222	NOR	AIRCRAFT ELECTRICIAN	18 WKS 3 DAYS	NO RECRD ALC/DRUG
67G/68G	15G	MM 104	222222	NOR	AIRCRAFT STRUCTURAL REPAIRER	14 WKS 2 DAYS	NO RECRD ALC/DRUG
68H	15H	MM 104	222222	NOR	AIRCRAFT PNEUDRAULICS REPAIR	7 WKS 3 DAYS	NO RECRD ALC/DRUG
68N	15N	EL 93	222221	NOR	AVIONIC MECHANIC	21 WKS 3 DAYS	NO RECRD ALC/DRUG
93P	15P	ST 91	222221	NOR	AVIATION OPERATIONS SPECIALIST	6 WKS	NO RECRD ALC/DRUG
93C	15Q	ST 101	222211	NOR	AIR TRAFFIC CONTROL (ATC) OPERATOR	14 WKS	CLS IV FLT PHY REQ
67T	15T	MM 104	222211	NOR	UH-60 HELICOPTER REPAIRER	14 WKS 3 DAYS	NO RECRD ALC/DRUG
67U	15U	MM 104	222211	NOR	CH-47 HELICOPTER REPAIRER	16 WKS	NO RECRD ALC/DRUG
	15V	MM 102	222211	NOR	OBS/SCOUT HELICOPTER REPAIRER	9 WKS	NO RECRD ALC/DRUG
					*****10 PT GT LINE WAIVER FOR 18 SERIES PER NGB 14AUG96*****		
	18B	GT 110/CO 98	111221	NOR	SPECIAL OPERATIONS WEAPONS SGT	43 WKS 3 DAYS	
	18C	GT 110/CO 98	111221	NOR	SPECIAL OPERATIONS ENGINEER SGT	44 WKS	
	18D	GT 110/ST 96	111221	NOR	SPECIAL OPERATIONS MEDICAL SGT	62 WKS	
	18E	GT 110/SC 98	111221	NOR	SPECIAL OPERATIONS COMMUNICATIONS SGT	60 WKS	
	19D	CO 87	111121	NOR	CAVALRY SCOUT	16 WKS	FT KNOX
12B	21B	CO 87	111221	NOR	COMBAT ENGINEER	14 WKS	PHY DEMANDS HEAVY
62E	21E	GM 88	222221	R/G	HEAVY CONSTRUCTION EQUIPMENT OPERATOR	8 WKS 2 DAYS	DL REQ
62J/21F	21J	GM 88	222221	R/G	GENERAL CONSTRUCTION EQUIPMENT OPERATOR	5 WKS 4 DAYS	DL REQ
51K	21K	GM 88	111221	NOR	PLUMBER	5 WKS 1 DAY	
51R	21R	EL 93	111221	NOR	INTERIOR ELECTRICIAN	5 WKS 3 DAYS	PHY DEMANDS HEAVY
51T	21T	ST 101	221211	NOR	TECHNICAL ENGINEER	14 WKS 4 DAYS	ALG-GEOMETRY
62H	21V	GM 88	222221	R/G	CONCRETE/ASPHALT EQUIPMENT OPERATOR	5 WKS	DL REQ
51B	21W	GM 88	111221	NOR	CARPENTRY/MASON RY SP	7 WKS 3 DAYS	GULFPORT, MS
74B,C/25D,Y	25B	ST 95	212221	NOR	INFORMATION TECHNOLOGY SPECIALIST	12 WKS 3 DAYS	ALG
31C	25C	EL 98/SC 98	111221	NON	RADIO OPERATOR-MAINTAINER	9 WKS 4 DAYS	
74C	25D	EL 89/SC 89	212221	NOR	TELECOMMUNICATIONS OPERATOR-MAINTAINER	9 WKS	REQ 15 WPM
31F/36H	25F	EL 102/SC 105	212221	NOR	NETWORK SWITCHING SYS OPER-MAINTAINER	21 WKS	PHY DEMANDS HEAVY
31L	25L	EL 89/SC 89	111221	NOR	CABLE SYSTEMS INSTALLER-MAINTAINER	9 WKS 2 DAYS	PHY DEMANDS HEAVY
31R	25Q	EL 98/SC 98	111221	NOR	MULTICHANNEL TRANSMISSION SYS OPERATOR	13 WKS 3 DAYS	PHY DEMANDS HEAVY
31U	25U	EL 93/SC 92	111221	NOR	SIGNAL SUPPORT SYSTEMS SPECIALIST	17 WKS	
71D	27D	CL 105	222121	NON	PARALEGAL SPECIALIST	8 WKS 3 DAYS	REQ 25 WPM
95B	31B	ST 91	222221	R/G	MILITARY POLICE	17 WKS OUST	DL REQ
96B	35F	ST 101	222221	NOR	INTELLIGENCE ANALYST	16 WKS 3 DAYS	TOP SECRET
96D	35G	ST 101	222211	NOR	IMAGERY ANALYST	20 WKS	TS, ALG-GEOMETRY
96H	35H	SC 92/ST 101	222111	NOR	COMMON GROUND STATION (CGS) OPERATOR	19 WKS 4 DAYS	SECRET
96U	35K	SC 105	222221	NOR	UNMANNED AERIAL VEHICLE (UAV) OPERATOR	23 WKS	CLS III FLT PHY REQ
97B	35L	ST 101	222221	NOR	COUNTERINTELLIGENCE AGENT	17 WKS 4 DAYS	TOP SECRET
97E	35M	ST 91	222221	NOR	HUMAN INTELLIGENCE COLLECTOR	16 WKS 4 DAYS	SECRET
98C	35N	ST 105	222221	NOR	SIGNALS INTELLIGENCE ANALYST	17 WKS 3 DAYS	TOP SECRET
98G	35P	ST 91	222121	NOR	CRYPTOLOGIC COMMUNICATIONS INTERCEPTOR	VERYS ON LAN	TOP SECRET
98Y	35S	ST 102	222121	NOR	SIGNALS COLLECTOR/ANALYST	49 WKS 1 DAY	TOP SECRET
42L/71L/75B,H	42A	CL 90	323222	NOR	HUMAN RESOURCES SPECIALIST	8 WKS 3 DAYS	20 WPM
O2	42R	AFQT 31	222222	NON	ARMY BANDSPERSON (MUST AUDITION BEFORE ENL)	3-4 WKS PROFICIENCY TRAINING	
	44B	GM 93	222222	NOR	METAL WORKER	12 WKS 3 DAYS	GM 88/GT 83
73C,D	44C	CL 101	323321	NON	FINANCIAL MANAGEMENT TECHNICIAN	7 WKS	NO MISD OR FELONY
	44E	GM 98	222222	NOR	MACHINIST	13 WKS 3 DAYS	GM 88/GT 92
	45B	GM 93	222221	NOR	SMALL ARMS/ARTILLERY REPAIRER	13 WKS	GM 88/GT 85
	45G	EL 98	222222	NOR	FIRE CONTROL REPAIRER	22 WKS 4 DAYS	EL 93/GT 90
	45K	GM 97	222221	NOR	ARMAMENT REPAIRER	19 WKS 3 DAYS	GM 93/GT 90
	46Q	GT 107	211121	NON	PUBLIC AFFAIRS SPECIALIST (NO CASP)	10 WKS 4 DAYS	DL REQ 2 YR ENGLISH
	46R	GT 107	211121	NON	BROADCAST JOURNAL(REQ AUDIO TEST) (NO CASP)	12 WKS	DL REQ 2 YR ENGLISH
	52C	GM 98	221121	NOR	UTILITIES EQUIPMENT REPAIRER (HEATING/AC)	12 WKS	GM 88/GT 83
	52D	GM 98	221121	NOR	POWER GENERATOR EQUIPMENT REPAIRER	11 WKS 4 DAYS	GM 88/GT 88
71M	56M	CL 90	222221	NON	CHAPLAIN ASSISTANT	7 WKS	DL REQ/1 yr keyboard
	62B	MM 92	222222	NOR	CONSTRUCTION EQUIPMENT REPAIRER	9 WKS	MM 87/GT 85
63S,W	63B	MM 92	222222	NOR	WHEELED VEHICLE MECHANIC	10 WKS	DL REQ - MM 87/GT 92
63,Y	63H	MM 92	222232	NOR	TRACKED VEHICLE REPAIRER	12 WKS 2 DAYS	MM 87/GT 85
	63J	MM 92	222222	NOR	QUARTERMASTER & CHEMICAL EQUIP REPAIRER	11 WKS 2 DAYS	MM 87/GT 85
	91A	EL 107	222221	NOR	BIOMEDICAL EQUIPMENT SPECIALIST	41 WKS	
	91E	ST 91	222221	NOR	DENTAL SPECIALIST	6 WKS	NO MISD OR FELONY
71G/91B,G	68G	CL 92	323221	NOR	PATIENT ADMINISTRATION SPECIALIST	7 WKS	NO MISD OR FELONY
	91J	CL 90	323222	NOR	MEDICAL LOGISITCS SPECIALIST	6 WKS	
	91K	ST 106	323222	NOR	MEDICAL LABORATORY SPECIALIST	52 WKS	ALG-CHEM
	91P	ST 106	222221	NOR	RADIOLOGY SPECIALIST	46 WKS	ALG
	91S	ST 101	222221	NOR	PREVENTIVE MEDICINE SPECIALIST	15 WKS	BIO-ALG-CHEM
71G/91B,C,G,W	68W	GT 107/ST 101	111121	NOR	HEALTH CARE SPECIALIST	16 WKS	
	91W,X	ST 101	111121	NON	MENTAL HEALTH SPECIALIST	23 WKS	NO MISD OR FELONY
54B	74D	ST 92	122221	NOR	CHEMICAL, BIOLOGICAL, RADIOLOGICAL SPEC(NBC)	12 WKS 2 DAYS	
	88M	OF 85	222222	R/G	MOTOR TRANSPORT OPERATOR	6 WKS	DL REQ
	88N	CL 95	222222	NOR	TRANSPORT MANAGEMENT COORDINATOR	6 WKS 1 DAY	VERY HEAVY LIFTING
55B	89B	ST 91	222221	NOR	AMMUNITION SPECIALIST	10 WKS 2 DAYS	NO MISD OR FELONY
	92A	CL 90	222222	NOR	AUTOMATED LOGISTICAL SPECIALIST	11 WKS	
	77F	CL 86/OF 85	211221	NOR	PETROLEUM VEHICLE SPECIALIST	10 WKS 1 DAY	DL REQ
	94B	OF 85	222332	NOR	FOOD SERVICE SPECIALIST	8 WKS 2 DAYS	DL REQ
43E	92R	GM 88/CO 87	111121	NOR	PARACHUTE E RIGGER	13 WKS	
	77W	GM 88	211211	NOR	WATER TREATMENT SPECIALIST	10 WKS 4 DAYS	VERY HEAVY LIFTING
	92Y	CL 90	222222	NOR	UNIT SUPPLY SPECIALIST	6 WKS	
35A	94A	EL 102	222221	NOR	LAND COMBAT ELECTRONIC MISSILE SYS REPAIRER	16 WKS 4 DAYS	VERY HEAVY LIFTING
35D	94D	EL 102	211221	NOR	AIR TRAFFIC CONTROL (ATC) EQUIP REPAIRER	28 WKS 4 DAYS	NO RECRD ALC/DRUG
35E	94E	EL 102	111221	NOR	RADIO & COMMUNICATIONS SECURITY REPAIRER	25 WKS	ALG-GEN
35F	94F	EL 102	111221	NOR	COMPUTER/DETECTION SYSTEM REPAIRER	24 WKS 3 DAYS	ALG-GEN
35L/68L	94L	EL 98	222221	NOR	AVIONIC COMMUNICATIONS EQUIPMENT REPAIRER	22 WKS	NO RECRD ALC/DRUG
35M	94M	EL 107	222221	NOR	RADAR REPAIRER	33 WKS 3 DAYS	FT SILL
35R/68R	94R	EL 98	222221	NOR	AVIONIC RADAR REPAIRER	23 WKS 2 DAYS	NO RECRD ALC/DRUG
33W/35T	94T	EL 98	222221	NOR	AVENGER SYSTEM REPAIRER	41 WKS 1 DAY	ALG

ALL 35 SERIES EITHER NEED A DLAB, AAAT AND/OR ECLT - CHECK QUALS FOR EXACT SCORES

NO LINE SCORE WAIVER FOR 13W, 14, 15, 16, 23, 24, 25, 31, 33, 91(EXCEPT 91G), 94K, 97, 98 MOS's

REFERENCE FOR ABOVE INFO: DA PAM 611-21 (SMART BOOK)<https://perscomnd04.army.mil.MOSMARTBK.nsf>
SEE THE ABOVE REFERENCE FOR CURRENT QUALIFICATION STANDARDS
REFERENCE DA PAM 611-21 IF YOUR MOS IS NOT LISTED ABOVE

ENLISTED MOS QUALIFICATION QUICK REFERENCE

THIS IS ONLY A GUIDE. IT DOES NOT REPLACE REQUEST OR DA PAM 611-21. THIS IS ONLY A GUIDE.

NOR	DENOTES NORMAL COLOR VISION
NON	DENOTES NO COLOR VISION
R/G	DENOTES RED / GREEN COLOR VISION

OPMS Frequently Asked Questions (FAQs):

Q1	Why are we changing?
A1	<p>The Army intended the Officer Personnel Management System to be reviewed semi-annually to identify changes required to meet immediate and future requirements. The most recent reviews have centered on synchronizing the system with Army Transformation.</p> <p>Additionally, the OPMS Review Task Force was challenged to identify changes required to develop skills required, today and tomorrow, and groups skills functionally to meet Army requirements; to shift career paths (less prescriptive and less timeline driven); and to focus on acquiring, developing and retaining professionals with a Warrior Ethos and inspired to a lifetime of service.</p>
Q2	Is the functionally aligned design and position access really another way to get at the old “dual-tracking” of officers?
A2	<p>No. The Functionally Aligned OPMS Design is founded on Joint and Army doctrine and provides a more effective and efficient system to manage officers. The intent behind position access is to provide officers with opportunities to develop additional competencies through a single experience; they will not be required to maintain currency in two different specialties, as they did under OPMS 2.</p>
Q3	What will be the effects on the Functional Areas? If I’m in a non-OPCF functional area, can I serve in current OPCF assignments?
A3	<p>The branches and functional areas assigned to the four Operational Career Fields outlined by OPMS 3 are being reassigned to the three Functional Categories; the term “OPCF” will go away. Under the position access concept, officers will have some access to assignments within their functional group, within their functional category, or across functional categories. The opportunities are based on the actual coding of assignment, with proponent identifying the specific assignments and the associated training requirements.</p>
Q4	What does the Functionally Aligned Design mean for promotion?
A4	<p>Promotions will continue to be driven by requirements. The Army establishes floors and ceilings for each branch and functional area; the boards develop specific word pictures for each branch and functional area. Thus, whether a board meets to review officers in two functional areas or ten does not matter significantly: the functional area requirements provide the opportunity; officer performance results in selection to fill a requirement.</p> <p>Overall guidance is provided in the board memorandum of instruction. Board MOIs are close-hold, consistent with our protection of all board proceedings. However, in the most recently issued guidance, used in Feb 06 ACC LTC board, some excerpts included references to “multi-skilled leaders,” understanding of culture, Warrior Ethos, adaptability, “Experience counts” and the specific note: “Previously accepted rules and conventions regarding personnel management timelines may no longer apply.”</p>
Q5	What will the promotion categories be?
A5	<p>The three Functional Categories will serve as promotion categories for active component field grade officer promotions, beginning with the FY07 AC LTC board that meets in February.</p>

Q6	Don't board members select in their own image? How are you going to get me a fair opportunity if I'm being judged against others with different career patterns? (e.g., a Public Affairs officer competing against Infantry officers in the Maneuver, Fires and Effects category.)
A6	<p>Each board includes 18 officers of different branches and functional areas, who must represent the population being considered. Each of these officers brings a different perspective to the board, and judges the files accordingly. There really is no single "image" of a board, given this diversity.</p> <p>Also, the board must review a short stack of test files to calibrate their voting process before beginning and any wide differences are adjusted. Finally, officers from different branches and functional areas only go "head to head" for the additional opportunities; a PAO is not competing for an IN requirement, nor is an IN competing for a PAO requirement.</p>
Q7	What do I need to do to get promoted?
A7	<p>There's no guaranteed path to promotion to any grade. The clear guidance from the Chief of Staff of the Army, the Deputy Chief of Staff (DCS), G-1, and the Commander, Human Resources Command is to do well in every assignment. Seek assignments that will develop your competencies: junior officers should seek to develop basic branch skills; field grade and senior officers should continue to develop skills in their primary specialty but also seek to develop more broadly.</p> <p>The Army will not be able to provide a prescription for promotion, but will continue to focus on developmental requirements. We are moving away from promotion paths to true developmental paths.</p>
Q8	When will I have time to do all my branch assignments and still go to ILE, ACS, JIIM and generalist positions (01A, e.g., ROTC, Recruiting, AC/RC, USMA staff and faculty, etc.)?
A8	The basic requirement remains to become proficient in your primary specialty (branch or functional area). This is especially important at the junior officer level, where basic branch officers must focus on developing the requisite knowledge, skills, abilities and competencies described for their basic branch in DA Pam 600-3 and other sources. Not all officers will benefit from all the opportunities the Army has to offer. Some officers will go to Advanced Civil Schooling, others may get a Joint assignment, some will do both, others will do neither and all could do very well in every assignment they get and be successful.
Q9	Under the new OPMS Design, who will go to the "long" ILE course at Fort Leavenworth (core course plus the Advanced Operations and Warfighting Course)?
A9	The Army G-3 staff are still working to determine the rules for attendance at the AOWC, but at this point it appears that most "basic branch" officers will attend, as well as Functional Area 57, Simulation Operations, and some percentage of officers from other Functional Areas.
Q10	Regarding professional development and Lifecycle Management – is the Army going to be able to continue to develop officers through assignment to key developmental positions, AND education opportunities such as the Captain's Career Course (CCC) and Intermediate Level Education (ILE)?
A10	HRC is looking very carefully at the rules for Lifecycle Management, especially as they apply to Field Grade officer management. There may be good reasons for

	officers to be taken out of an LM unit prior to the end of the lifecycle, or to be assigned to the unit during the lifecycle, beyond the minimal allowances in AR 600-35. However, the rules must be fair and the processes have to recognize the value of the Force Stabilization focus. More to be determined, but expect some changes to AR 600-35 in the future.
Q11	Will there still be a “command track” under the new design?
A11	<p>Yes and no. We’ve already done away with “branch qualification” in DA Pam 600-3, moving toward a longer list of key developmental assignments and focusing the officer on developing the required knowledge, skills, abilities and competencies, not on having the “right” job for a specific period of time.</p> <p>Board guidance for Commands and Key Billets is not the same as promotion board guidance. CSL-Command and Key Billet boards seek to identify the best possible officer to command a unit, or serve in a key billet, based on skills and experience. Once selected to the order of merit list, the officers are then “slated” to units or key billet positions based on a “skills and experience match” (SEM), in many cases allowing officers with directly relevant experience in a particular unit to return to that unit to command.</p> <p>Some branches, e.g., maneuver, will require depth of development through repetitive assignments in order to develop some officers to serve as battalion and brigade commanders. However, even these officers will be best developed through SOME broadening experiences. Army senior leaders WILL BE multi-skilled, including experience and exposure at various levels of Army organization, in both operational and institutional (generating force) units, within the branch (e.g., Infantry vehicular and non-vehicular), and, where possible, in a related branch or functional area.</p>
Q12	How will the Army assure equity of opportunity for command and key billet positions across branches and functional areas?
A12	<p>Command and key billet selection is not about opportunity but about selecting the best possible officers for these assignments. To ensure the best possible selections for command and key billets from among officers with the skills, experience and competencies to serve, the Army has broadened many of the sub-categories for competition.</p> <p>For example, at the battalion level, the Army will now consider Armor officers for command of Stryker battalions and RSTA battalions in Light BCTs, and Infantry officers for command of RSTAs in Heavy or Stryker BCTs. Infantry and Armor officers will compete for all available Combined Arms battalions in Heavy BCTs. Multi-functional logisticians (which all field grade Logistics officers will be in the future) can all compete for many of the Logistics commands formerly coded for a single branch, and all Human Resources professionals can compete for G-1 billets.</p>
Q13	Why are the G-1s, G-2s, and G-6s in the echelons above division (EAD) (COL-level key billets) not centrally selected via the HRC CSL process, as the LTCs are?
A13	<p>Principally, in the division, G1's, 2's and 6's are centrally selected because division commanders do not have sufficient populations of AG, MI or Signal LTC's from which to select the G1, 2 or 6. Sufficient operators and logisticians are present from which to select the G3 and G4.</p> <p>All colonel positions are nominative. Army Senior Leaders select officers for</p>

	these colonel-level EAD positions based on recommendations from Army three star commanders. There are currently only a handful of colonel-level Key Billets and they are principally at depots (formerly depot commanders now to be called Directors).
Q14	Does every officer get to go to graduate school?
A14	The Army had significant operational assignment requirements to meet and cannot afford to send every officer to graduate school. However, the Army is making a significant commitment to officer education, and, in the process, recognizing some risk in filling assignments. The Army has elected to invest now in the development of critical skills, especially expeditionary skills such as diplomacy, culture, and public policy (these are among the directed disciplines for the Expanded Graduate School Program, EGSP).
Q15	Why are we not offering Grad School to more YG 98, or to even more senior YGs?
A15	The intent is to both DEVELOP skills that are best developed through graduate civilian education, and to RETAIN more officers. For more senior year groups, the development benefit is appropriate, but the retention benefit to the Army does not justify the resources (these officers are already very likely to remain on active duty).
Q16	Must I get a Masters degree?
A16	There is no requirement to obtain a master degree to continue to serve in the Army, nor is there a requirement to obtain a masters degree to compete for promotion to the next grade. We do not anticipate an advanced degree to be a discriminator in future selection boards.
Q17	How do I compete for a chance to go to graduate school if I'm not selected by my commander for nomination?
A17	HRC has additional allocations to use for those officers who are assigned outside MACOMs, who are attending military education courses, or who are en route.
Q18	What constitutes "Joint-Interagency-Intergovernmental-Multinational experience"?
A18	<p>In the future, the Army will identify methods to capture specific experiences, exposure, skills, abilities and competencies. This may be done through an additional form that a commander could complete and submit with the officer's regular evaluation report. The information will be posted to the database (currently TOPMIS), and may appear on the Officer Record Brief. The specifics are still to be determined.</p> <p>However, the intent is to capture those experiences in which an officer operated in direct coordination with other U.S. government agencies, other host national agencies, non-government organizations (NGOs), members of the armed forces of other nations if they were of sufficient scope (responsibility) or duration that had a measurable impact on the officer's skills and abilities.</p>
Q19	How does the functionally aligned design apply to the Reserve Component?
A19	The functionally aligned design will still apply to the RC in terms of association of branches and functional areas in functional groups and categories based on similar skills and battlefield applications, and similar developmental requirements and opportunities. The implementation will differ in the Reserve Component in some key ways: first, management of RC officers is not centralized in the way AC management is, especially for the Army National Guard. RC officers are managed at two levels – nationally and locally – and a high percentage of personnel actions

	<p>take place at the local commander level, including, in some cases, promotions.</p> <p>RC officer management systems are also less branch-centric than the AC in that they allow officers to serve in, and transition to, multiple branches throughout their career. This allows officers to get a broad experience. A primary purpose for this flexibility is to account for the limited opportunities of structure of a given geographical location, and allow officers flexibility in civilian employment. Many RC officers will change branches or serve in multiple branches throughout their career based on changes in civilian employment, location or limited structure. Many RC officers are far more comfortable with broad development than their AC counterparts – position access is not a new concept to the RC.</p>
Q20	Will the Reserve Component manage against the Functionally Aligned Design?
A20	Yes, but to a lesser degree. Those who are centrally managed, i.e., AGR, IMA and IRR, will be managed against the design in a manner very similar to the AC. Those who are managed locally should look to the design to support their individual career development, but may have to seek assignments outside their primary functional group based on civilian employment, education or family issues.
Q21	How can I influence my assignment?
A21	Know where you are in your own career, and continually assess your own competencies. Stay current on DA Pam 600-3 and the guidance on the requirements for the Army officer of the 21 st century.

OFFICER CAREER BRANCHES

Detailed below are officer career branch opportunities which are available under the South Dakota Army National Guard's current and future force structure:

COMBAT ARMS BRANCHES:

- Field Artillery (13)
- Air Defense Artillery (14)
- Aviation (15)
- Corps of Engineer (21)

COMBAT SUPPORT BRANCHES:

- Signal Corps (25)
- Military Police Corps (31)
- Military Intelligence Corps (35)
- Civil Affairs (38)
- Chemical Corps (74)

COMBAT SERVICE SUPPORT BRANCHES:

- Adjutant General Corps (42)
- Finance Corps (44)
- Transportation Corps (88)
- Ordnance Corps (91)
- Quartermaster Corps (92)

SPECIAL BRANCHES:

- The Judge Advocate General's Corps (55)
- Chaplain Corps (56)
- Medical Corps (61-62)
- Dental Corps (63)
- Army Nurse Corps (66)
- Medical Service Corps (67)

OFFICER FUNCTIONAL AREAS

Detailed below are officer functional area opportunities which are available under the South Dakota Army National Guard's current and future force structure:

- Information Operations (30)
- Human Resource Management (43)
- Comptroller (45)
- Public Affairs (46)
- Force Management (50)
- Information Systems Management (53)
- Simulations Operations (57)
- Strategic Plans and Policy (59)
- Multifunctional Logistician Program (90)

OFFICER MANAGEMENT

This section prescribes officer management procedures that are in effect throughout transformation/modularity.

1. PROMOTIONS.

- General Information: Soldiers (Officers, Warrant Officers, and Enlisted) in reorganizing units may be promoted 12 months prior to the unit reaching the E-date of the manning document. Likewise, Soldiers (Officers, Warrant Officers, and Enlisted) in activating units may be promoted upon the effective date of the Carrier Unit Identification Code. NOTE: Units which do not have Federal recognition may not promote officers assigned to that unit until Federal recognition is granted.
- Officer Promotions: In accordance with Title 32, USC, sections 307(a) and NGR 600-100, Officers may be promoted in a Federally Recognized unit in a valid vacant position, if the Officer has the qualifications prescribed by the SecArmy concerned for grade, branch, position, and type of unit or organization involved. In other words, according to current regulations and guidance, officers must be branch and/or functional area (FA) qualified in order to be promoted.
- Warrant Officer Promotions: In accordance with NGR 600-101, paragraph 7-7d, Warrant Officers who will be recertified in a new MOS due to transformation remain qualified in their current MOS for 12 months after the unit's E-Date.
- Promotion Packets: Commanders are reminded to follow guidance published in Chapter 6 of the South Dakota Army National Guard Guide to Personnel Readiness when submitting either an Officer or Warrant Officer for promotion. Promotion packets will be endorsed by the chain of command and forwarded to the JFHQ-SD J1, ATTN: CW2 Norris.

2. EVALUATIONS. The losing command is responsible for ensuring all Officer Evaluation Reports (OERs) are completed and forwarded to the JFHQ-SD J1, ATTN: CW2 Norris. Units are strongly encouraged to complete OERs prior to the unit's inactivation and/or reorganization. As a reminder, in accordance with AR 623-3, paragraph 5-18(a), OERs are required if the rated officer who has completed at least 120 calendar days, excluding non-rated periods, in the same duty position under the same rater during the same rating period. Likewise, change of duty will be used for all reassignments not involving a change in component. The gaining command will be responsible for ensuring that all officers complete an Officer Evaluation Report Support Form within 30 days of assignment.

3. BRANCH TRANSFER REQUESTS. Regardless of whether or not a federal recognition board is required, officers interested in switching branches must submit a branch transfer request through their existing command channels to the JFHQ-J1, ATTN: CW2 Norris. CW2 Norris will review individual packets for completeness and forward

to the Senior Army Advisor's (SRAA) office for final board approval/disapproval. Educational (training) stipulations will be determined by referencing DA Pamphlet 611-21 and DA Pamphlet 600-3. (NOTE: A federal recognition board is required for a branch transfer if either of the following apply – (a) the officer has not previously held the branch; or (b) the officer previously held the branch in a lower grade. A federal recognition board is not required for a branch transfer if the officer previously held the branch at his current grade.) Commanders are reminded to follow branch transfer guidance as published in Chapter 6, Task 8, of the South Dakota Army National Guard Guide to Personnel Readiness.

4. **WARRANT OFFICER RECLASSIFICATION.** Warrant Officers interested in reclassification must complete a reclassification checklist. This checklist is similar to predetermination in that the warrant officer must show qualification in the new MOS. Once completed, the reclassification checklist along with command endorsements will be forwarded to the JFHQ-J1, ATTN: CW2 Norris. CW2 Norris will review individual packets for completeness and forward to NGB for further action. NGB and the proponent for the MOS are the approval authority for all Warrant Officer reclassifications. (NOTE: The reclassification checklist is currently being revised. Once completed, this checklist will be incorporated into Chapter 6 of the South Dakota Army National Guard Guide to Personnel Readiness.

5. **FUNCTIONAL AREA DESIGNATION.** Officers assigned to one of the new functional area (FA) positions (43A, 57A, 59A, 90A, etc.) will need to complete required training. Each FA has its own unique training requirement(s). See subsequent pages for specific information pertaining to each FA.

OFFICER TRANSFORMATION
White Paper
3Jan07

SUBJECT: 43A HUMAN RESOURCES MANAGEMENT FUNCTIONAL AREA (FA) On 12Dec06, HQDA Army G1 approved a merger between the 42B and FA 43 into Branch/FA 42H, Human Resources Officers.

REFERENCES:

MILPER Message Number: 05-170
AR 611-1, dated 30Sep07
DA Pamphlet 600-3, Chapter 31, dated 28Dec05
DA Pamphlet 611-21, dated 31Mar99

BACKGROUND INFO: The Human Resources Management (FA 43) provides the Army with a professional human resource manager focused on projecting requirements; developing capabilities; and planning, programming, and managing Army human resource life cycle functions in support of senior military leadership. The U.S. Army Soldier Support Institute (SSI), U.S. Army Training and Doctrine Command is the proponent for FA 43.

MILPER Message #05-170 issued 7Jul05 provides initial guidance for the merger of the AG Branch 42B, Personnel Systems Management; and FA 43 into BR/FA 42H, Human Resources Officers. HQDA Army G1 approved the above merger on 12Dec06.

EDUCATIONAL/TRAINING REQUIREMENTS:

- Attend the 43A Human Resource Management Qualification Course (Resident) – 12 week course conducted at Alexandria, VA. NOTE: Only resident course in TY06 was conducted 3Oct05-6Jan06. There are no class dates yet published for TY07.
- Attend the 43A Human Resource Management Qualification Course (Distant Learning) – 12 week course, 7 CD-ROMs. To enroll, contact your training administrator and provide him/her with the following ATTRS Information - School Code: 133, Course Number: 7C-43A (DL). NOTE: Last TY06 course is scheduled for 11Sep-15Dec06. After TY06, this course will convert to a pre-requisite Distant Learning portion followed by a two-week resident phase. There are no class dates yet published for TY07.

PROMOTION REQUIREMENTS:

- Must complete all military education requirements pertinent to the grade for promotion.
- Must complete the Human Resource Management Qualification Course.

ACTIVE DUTY QUALIFICATION STANDARDS (AGRs):

- Captain: What is required is successful completion of company grade leader development and the quality experience and assignments in their basic branch that

ground them in the operational Army and its doctrine. FA 43 experience as a CPT is not a requirement. Once selected to fill a FA 43 field grade vacancy, to be fully qualified, Officer must complete the Human Resource Management Qualification Course.

- Major: To be fully qualified and competitive for promotion to LTC, MAJs must complete Human Resource Management Qualification Course, serve a minimum of 24 months in an FA 43 coded position, and have completed MEL 4 (ILE).
- Lieutenant Colonel: To become fully qualified, FA 43 LTCs will serve a minimum of 24 months in FA qualifying positions. To develop their HR depth and breadth in experience, they should strive for FA qualification leadership and responsibility positions as, Deputy/Assistant UEy/Corps G1's, Assistant MACOM G1s, Joint HR/Manpower C1/J1's or Deputy C1/J1's, Army G1 Branch/Division Chiefs, and HR Command Branch/Division Chiefs, EO Program Managers, and Chief, MACOM/Corps HR Plan, Policy, Operations, Strength Management or OPMD positions. LTCs should seek to complete an advanced degree in HR or related fields and complete the Senior Service College in residence or by correspondence, if selected.
- Colonel: FA 43 COLs will serve as FA qualified senior practitioners in leadership and responsibility positions on MACOM/HQDA/HR Command/DoD and Joint Staffs.

RESERVE COMPONENT QUALIFICATION STANDARDS:

- Captain: As with the Active Army, FA 43 experience as a CPT is not a requirement. What is required is successful completion of company grade leader development and the quality experience and assignments in their basic branch that ground them in the operational Army and its doctrine. Complete the current CCC and Combined Arms and Services Staff School (CAS3) or Combined Training Exercise (CTX).
- Major: Serve in a FA 43 developmental or utilization position for 12 months. Complete the Human Resources Management Qualification Course. Complete 50% of the current Command and General Staff Officer Course (CGSOC) or ILE common core curriculum.
- Lieutenant Colonel: Serve in at least one FA 43 developmental or utilization position for 12 months. Complete the Human Resources Management Qualification Course. Complete the current Command and General Staff Officer Course (CGSOC) or ILE common core curriculum.
- Colonel: Desirable to complete Senior Service College. Complete the Human Resources Management Qualification Course. Serve in 1 or more assignments in FA 43 developmental or utilization positions for 12 months.

SPECIALTY DESIGNATION AND CLASSIFICATION OF OFFICERS IN THE ARMY NATIONAL GUARD: Branches, FA and skills when initially designated and awarded will be entered on officer qualification records and the automated personnel data systems. Branches, FA and skill qualification designator may be awarded by the State Adjutant General as follows (See Paragraph 2-22, DA Pamphlet 611-21):

- Upon completion of an Army service school, USAR school, or extension courses that are skill producing as attested by certificates provided by the appropriate school commandant.
- Upon completion of civilian education (see AR 611-1).
- When civilian occupation and training warrant such an award (see AR 611-1).
- As a result of the unit commander's recommendation and evaluation of the officer's performance of duties, including completion of annual training (AT), active duty training (ADT), or full-time training duty. Such evaluation and recommendation will be forwarded through channels to the State Adjutant General.
- When proficiency has been regained in previously withdrawn branches, FA and skills as attested to by rating chain officers on the evaluation report.

NOTE: Branches, FA and skills may be withdrawn by the State Adjutant General when:

- The rating chain shows the individual is determined to be no longer qualified in the branch, FA or skill involved, as documented in an officer evaluation report.
- Directed by Army regulations.

POC for this paper is LTC Terry J. Ommen, 605-737-6711; email: terry.ommen@us.army.mil

OFFICER TRANSFORMATION
White Paper
3Jan07

SUBJECT: 57A SIMULATIONS OPERATIONS FUNCTIONAL AREA (FA)

REFERENCES:

AR 611-1, dated 30Sep97

DA Pamphlet 600-3, Chapter 45, dated 28Dec05

Website: www.perscomnd04.army.mil/MOSMARTBK.nsf

BACKGROUND INFO: Functional Area 57 officers are operators first. FA57s are drawn from operational career fields with a majority coming from Combat Arms. Most have commanded companies and served on battalion and brigade staffs. Most have operational deployment experience and a significant number have had Observer Controller (O/C) assignments at one of the Combat Training Centers (CTC). FA57s attend both ILE and Advanced Operations and Warfighting Course (AOWC) at Ft Leavenworth, KS. FA57s are experts in Battle Command Integration. FA57 develop deep understanding of the Army battle Command Systems (ABCS) and through this understanding have the ability to transform information into knowledge to support the commander's decision making. In many deployed units, FA57s manage the "intel-ops-log" fusion for the commander. FA57s are integrators of simulation and Battle Command Systems. FA57s assist unit commanders in developing multi echelon training plans that integrate Battle Command Systems with live, virtual, and constructive training environments to provide a realistic training experience for soldiers, leaders, and battle staffs. Senior FA57s assist in establishing requirements and acquiring Battle Command Systems and modeling and simulation tools for the Army.

Because of their unique training, experience and background, FA57s are assuming a key role in the Army's emerging Knowledge Management (KM) function. FA57s enable commanders to see first, understand first, act first and finish decisively.

EDUCATIONAL/TRAINING REQUIREMENTS:

PRE-REQUISITE TRAINING REQUIREMENT:

- Complete: The on-line Army Battle Command System Integration/Interoperability for ABCS, version 6.3x. You must have an Army Knowledge Online (AKO) account to view this on-line course:
<https://www.bctid.army.mil/external/ABCS/abcs63/intm/intr/index.html>
- Complete: The on-line ABCS Executive Overview. You must have an AKO account to view this on-line course.
<https://www.bctid.army.mil/external/abcs/abcsOverview/default.html>

- Read: Relevant and Ready, Serving our Nation at War, and DA Pam 600-3 (FA 57 section). The Nation at War and Relevant and Ready is also at web site: <http://www.army.mil/thewayahead/foreword.html> and <http://www.army.mil/jec/>

INITIAL TRAINING REQUIREMENT:

SIMULATION OPERATIONS COURSE: This is the initial course that all FA 57 attend prior to being assigned to a FA 57 position.

Course Location: Fort Belvoir, VA

Duration: 6 weeks; Course Dates: 08 Jan- 16 Feb 07 and 18 Jun- 27 Jul 07

Scope: Provide FA 57 with the basic skill set to perform the tasks and functions units require. You will gain a broad understanding of modeling and simulation (M&S) terms, concepts, organizations, applications, and issues, thus enhancing your ability to function effectively and efficiently as FA 57 officers despite minimal M&S experience.

INTERMEDIATE TRAINING REQUIREMENTS:

INTERMEDIATE LEVEL EDUCATION (ILE) & ADVANCED OPERATIONS AND WARFIGHTING COURSE (AOWC): All 57s attend the ILE and AOWC.

Normally an FA officer only attends the ILE and not the AOWC. *FA 57 is the exception and you will train with future S3 and commanders attending the AOWC.*

Course Location: Ft. Leavenworth, KS

When: Within the first three years as a MAJ

Duration: 10 months (ILE 3 months + AOWC 7 months)

Scope: Provides FA 57 officers with the understanding and knowledge required for them to create the correct environments in simulations for unties to train, conduct mission planning and mission rehearsal. ILE is designed to prepare field-grade officers to serve on division, corps, echelons-above-corps, land component command, and joint staffs. Graduates will understand full-spectrum operations in today's environment. The focus is on educating students in how to think, solve complex problems, and make decisions, while gaining an ability to balance their focus between current and future operations. Students quickly realize there are no "school solutions" to the problems presented.

PROMOTION REQUIREMENTS:

- Must complete all military education requirements pertinent to the grade for promotion (C&GS/ILE)
- Must complete the above mention course to be eligible for promotion.

ACTIVE DUTY QUALIFICATION STANDARDS (AGRs):

- Lieutenant Colonel: Officers selected for LTC FA 57 are generally assigned to more senior level positions where they can fully use their knowledge of the Army and functional area. Functional area qualifying assignments for LTC include one-

year assignments as: CTC Simulation Officer; Deputy DOS; Chief Battle Simulation Center; Joint duty position FA 57 staff officers; Branch Chiefs at the National Simulation Center; and Director of Operations at the Warrior Preparation Center or Deputy Director of Simulations USAREUR Battle Command Training Center. FA qualification for FA 57 LTCs can also be accomplished by 2 years in any other FA 57 position.

- Colonel: FA qualification for COLs include one-year assignments as: Chief Exercises and Training; Director, National Simulation Center; Commander, Warrior Prep Center; Senior Military Fellow, NDU; Deputy Director, Aviation Battle Lab; and Deputy Director, Battle Command, Simulation and Experimentation Directorate. FA 57 FA qualification for FA 57 COLs can also be accomplished by a 2-year assignment in any other FA 57 position. NOTE: Colonels who have not previously attended the FA qualification course will attend the course at the earliest opportunity after FA designation.

RESERVE COMPONENT QUALIFICATION STANDARDS:

- RC Simulation Operations officer development objectives and qualifications basically parallel those planned for their Active Army counterparts. Due to the complexity and detailed understanding of Army systems and functions required to serve effectively in this functional area, junior officers must develop a strong foundation through assignments in their branch before functional area specialization begins.
- Major: Should complete not less than 50% of the Command and General Staff College (CGSC) or its equivalent. Upon assignments to a FA 57 position, the Simulation Operations Qualification Course must be completed and officer must serve in a FA 57 position for twelve months to be considered fully qualified.
- Lieutenant Colonel: Must complete CGSC or its equivalent. Must complete the Simulation Operations Qualifications Course and serve in a FA 57 position for 24 months to be considered fully qualified.
- Colonel: Should attend the Simulation Operations Qualifications Course.

SPECIALTY DESIGNATION AND CLASSIFICATION OF OFFICERS IN THE ARMY NATIONAL GUARD: Branches, FA and skills when initially designated and awarded will be entered on officer qualification records and the automated personnel data systems. Branches, FA and skill qualification designator may be awarded by the State Adjutant General as follows (See Paragraph 2-22, DA Pamphlet 611-21):

- Upon completion of an Army service school, USAR school, or extension courses that are skill producing as attested by certificates provided by the appropriate school commandant.
- Upon completion of civilian education (see AR 611-1).
- When civilian occupation and training warrant such an award (see AR 611-1).
- As a result of the unit commander's recommendation and evaluation of the officer's performance of duties, including completion of annual training (AT), active duty training (ADT), or full-time training duty. Such evaluation and

recommendation will be forwarded through channels to the State Adjutant General.

- When proficiency has been regained in previously withdrawn branches, FA and skills as attested to by rating chain officers on the evaluation report.

NOTE: Branches, FA and skills may be withdrawn by the State Adjutant General when:

- The rating chain shows the individual is determined to be no longer qualified in the branch, FA or skill involved, as documented in an officer evaluation report.
- Directed by Army regulations.

POC for this paper is LTC Terry J. Ommen, 605-737-6711; email:

terry.ommen@us.army.mil

OFFICER TRANSFORMATION
White Paper
11Dec06

SUBJECT: 59A STRATEGIC PLANS AND POLICY FUNCTIONAL AREA (FA)

REFERENCES:

AR 611-1, dated 30Sep97

DA Pamphlet 600-3, Chapter 37, dated 28Dec05

Website: www.perscomnd04.army.mil/MOSMARTBK

BACKGROUND INFO: Supports the responsibilities of the Department of the Army and the Secretary of Defense concerning the strategic direction of the Department of Defense. Provides the capability for strategic analysis and policy development performed by departmental, joint and multinational staffs as well as interagency working groups and task forces in support of the formulation and implementation of national security strategy and national military strategy.

EDUCATIONAL/TRAINING REQUIREMENTS:

- The Army currently has a 4 month professional development course but it is extremely limited to the National Guard.

PROMOTION REQUIREMENTS:

- Must complete all military education requirements pertinent to the grade for promotion (C&GS/ILE)
- Must complete the above mention course to be eligible for promotion.

ACTIVE DUTY QUALIFICATION STANDARDS (AGRs):

- Lieutenant Colonel: Officer should look at applying for senior service college and consider fellowships that would further develop their skills, experience base and FA 59 qualifications. They are also encouraged to complete a master's program.
- Colonel: Successful completion of a recognized SSC program. A master's/MMAS or doctoral degree in an appropriate discipline is strongly encouraged.

RESERVE COMPONENT QUALIFICATION STANDARDS:

- Lieutenant Colonel and Colonel: Due to the complexity and diversity of assignments in FA59, RC officers assigned to these positions must continually develop their knowledge and analytical skills. RC officers awarded FA59 will be offered the opportunity to pursue continuing education opportunities. FA59 officers should strive to complete the Defense Strategy Course (online).

***Recommend officers who have completed senior service college, deployed as a battalion commander, served in a 59A position for at least 12-24 months, or have taken military or civilian courses relative to this functional area submit a request for award of the 59A. Submit requests to the DCSPER, ATTN: CW2 Norris and we will submit to SRAA for approval.**

SPECIALTY DESIGNATION AND CLASSIFICATION OF OFFICERS IN THE ARMY NATIONAL GUARD: Branches, FA and skills when initially designated and awarded will be entered on officer qualification records and the automated personnel data systems. Branches, FA and skill qualification designator may be awarded by the State Adjutant General as follows (See Paragraph 2-22, DA Pamphlet 611-21):

- Upon completion of an Army service school, USAR school, or extension courses that are skill producing as attested by certificates provided by the appropriate school commandant.
- Upon completion of civilian education (see AR 611-1).
- When civilian occupation and training warrant such an award (see AR 611-1).
- As a result of the unit commander's recommendation and evaluation of the officer's performance of duties, including completion of annual training (AT), active duty training (ADT), or full-time training duty. Such evaluation and recommendation will be forwarded through channels to the State Adjutant General.
- When proficiency has been regained in previously withdrawn branches, FA and skills as attested to by rating chain officers on the evaluation report.

NOTE: Branches, FA and skills may be withdrawn by the State Adjutant General when:

- The rating chain shows the individual is determined to be no longer qualified in the branch, FA or skill involved, as documented in an officer evaluation report.
- Directed by Army regulations.

POC for this paper is LTC Terry J. Ommen, 605-737-6711; email: terry.ommen@us.army.mil

OFFICER TRANSFORMATION
White Paper
11Dec06

SUBJECT: 90A MULTIFUNCTIONAL LOGISTICIAN FUNCTIONAL AREA (FA)

REFERENCES:

AR 611-1, dated 30Sep97

DA Pamphlet 600-3, Chapter 29, dated 28Dec05

Website: www.almc.army.mil
www.perscomnd04.army.mil/MOSMARTBK

BACKGROUND INFO: Ensure the development of officers to the grade of COL who are competent in planning and directing multi-functional logistical operations across the tactical, operational and strategic spectrum of logistical functions of maneuver sustainment. Provide progressive career and leader development through challenging command and staff assignments in multifunctional logistics management. The FA 90 position identifier is used in personnel authorization documents to identify multi-functional logistic officer positions in the grade of CPT to COL. These positions require experience in integrating the functions of supply, transportation, maintenance, medical service administration and field services. FA 90 is a dual-track functional area for officers in basic branch TC, OD, QM and MFA 70. Officers (MAJ and LTC) who meet the criteria for certification in FA 90 must also meet equivalent certification in their basic branch.

EDUCATIONAL/TRAINING REQUIREMENTS:

- Attend the Logistics Officer Advanced Course or Combined Logistics Captains Career Course.
- Attend the Multi-functional Combat Service Support-RC (RCMCSS). A class is currently being scheduled at the RTI in Sioux Falls, SD 20-31 August 2007. The class is designed for RC officers in the rank of CPT or above assigned to or planning future assignment to positions coded 90A. School Code 907, Course Number: 2007-708, Course: ALMC-RC. This class is geared towards assignments above division (EAD) level.
- Attend the Support Operations Course (SOC). Phase I is Correspondence – 40 hours and must be completed prior to registering for Phase II. Phase II is 2 week resident. This class is geared towards assignments to division and lower. The course taught at PEC is geared towards the National Guard (group/brigade level)

PROMOTION REQUIREMENTS:

- Must complete all military education requirements pertinent to the grade for promotion (CCC, CAX, CAS3, C&GS, ILE, etc)
- Must complete one of the above mention courses to be eligible for promotion.

ACTIVE DUTY QUALIFICATION STANDARDS (AGRs):

- Captain: Begin to understand and experience warfighting multifunctional logistics at the battalion and brigade level. Seek assignments in FA 90 positions or CSS positions not of their basic branch. Once selected to fill a FA 90 field grade vacancy, to be fully qualified, officer must complete the Support Operations Course (SOC) if assigned to a division or lower organization or complete the Multifunctional Combat Service Support-Reserve Component course if assigned to echelons above divisions (EAD). Possess a bachelor's degree; complete Captain's Career Course; command a company/detachment unit or its equivalent for a minimum of 12 months.
- Major: To be fully qualified and competitive for promotion to LTC, MAJs must complete ILE and the Support Operations Course (SOC) if assigned to a division or lower organization or complete the Multifunctional Combat Service Support-Reserve Component course if assigned to echelons above divisions (EAD). Serve a cumulative of 12 months minimum in one or more of the MAJ/LTC, FA 90A coded BQ positions as stated in DA Pam 600-3, chapter 29.
- Lieutenant Colonel: To become fully qualified, FA 90 LTCs must complete the Support Operations Course (SOC) if assigned to a division or lower organization or complete the Multifunctional Combat Service Support-Reserve Component course if assigned to echelons above divisions (EAD). Officers must command a battalion or serve 24 cumulative months in a FA 90 LTC position or LTC level CSS position not of the officer's basic branch.
- Colonel: FA 90 ensures the development of officers who can plan and direct multifunctional logistical operations and deliver material readiness on an end to end capability from source of supply to point of use; across the entire spectrum of combat service support functions of maneuver sustainment.

*DA Pam 600-3 states the Majors will complete the Advanced Operations and Warfighting Course at Fort Leavenworth. NGB does not require it at this time but is looking at requiring it for promotion to Lieutenant Colonels in the future.

RESERVE COMPONENT QUALIFICATION STANDARDS:

(Professional development of RC officers is divided into the following 4 phases from the grades of CPT to COL.)

- Captain, Phase 1: Officer must complete the Support Operations Course (SOC) if assigned to a division or lower organization or complete the Multifunctional Combat Service Support-Reserve Component course if assigned to echelons above divisions (EAD). Successful completion of company grade leader development and the quality experience and assignments in their basic branch that ground them in the operational Army and its doctrine. Command a company/detachment unit or its equivalent for a minimum of 12 months. Complete the current CCC and Combined Arms and Services Staff School (CAS3) or Combined Training Exercise (CTX).
- Major, Phase 2: Officer must complete the Support Operations Course (SOC) if assigned to a division or lower organization or complete the Multifunctional Combat Service Support-Reserve Component course if assigned to echelons

above divisions (EAD). Serve a cumulative of 12 months minimum in one or more of the MAJ/LTC, FA 90A coded BQ positions as stated in DA Pam 600-3, chapter 29. Focus is on the development of logistical skills and successful completion of ILE. Objectives for this phase are to become proficient as multifunctional logistician.

- Lieutenant Colonel and Colonel, Phase 3 and 4: Officer must complete the Support Operations Course (SOC) if assigned to a division or lower organization or complete the Multifunctional Combat Service Support-Reserve Component course if assigned to echelons above divisions (EAD). Officers must command a battalion or serve 24 cumulative months in a FA 90 LTC position or LTC level CSS position not of the officer's basic branch. Objectives include completion of CSS pre-command, attend Senior Service College and serve 12 months in any FA 90 position.

***IAW DA Pam 600-3, para 7-5a(4) – The officer does not have to be considered fully qualified in his or her BR-AOC or FA-AOC to be considered for favorable personnel actions. Additional requirements beyond the mandatory military education for award of the area of concentration AOC will not preclude the officer from being promoted or reassigned.**

SPECIALTY DESIGNATION AND CLASSIFICATION OF OFFICERS IN THE ARMY NATIONAL GUARD: Branches, FA and skills when initially designated and awarded will be entered on officer qualification records and the automated personnel data systems. Branches, FA and skill qualification designator may be awarded by the State Adjutant General as follows (See Paragraph 2-22, DA Pamphlet 611-21):

- Upon completion of an Army service school, USAR school, or extension courses that are skill producing as attested by certificates provided by the appropriate school commandant.
- Upon completion of civilian education (see AR 611-1).
- When civilian occupation and training warrant such an award (see AR 611-1).
- As a result of the unit commander's recommendation and evaluation of the officer's performance of duties, including completion of annual training (AT), active duty training (ADT), or full-time training duty. Such evaluation and recommendation will be forwarded through channels to the State Adjutant General.
- When proficiency has been regained in previously withdrawn branches, FA and skills as attested to by rating chain officers on the evaluation report.

NOTE: Branches, FA and skills may be withdrawn by the State Adjutant General when:

- The rating chain shows the individual is determined to be no longer qualified in the branch, FA or skill involved, as documented in an officer evaluation report.
- Directed by Army regulations.

POC for this paper is LTC Terry J. Ommen, 605-737-6711; email:

terry.ommen@us.army.mil

TIG, Military and Civilian Education Requirements for Promotion to next Higher Grade.

Promoted to	Branch	Military Education	Civilian Education	Min TIG
1LT	APL	*OBC	90 Semester Hours	24 mo
CPT	APL	OBC	BA/BS Degree	2 yrs
MAJ	APL	OAC - TAG requires CAS3	BA/BS Degree	4 yrs
LTC	APL	**50% CGSC	BA/BS Degree	4 yrs
COL	APL	CGSC/ILE	BA/BS Degree	3 yrs

APL = all basic branches

* ROTC Early Commissioning Program Participants are not required to complete OBC for promotion to 1LT.

** Completion of CAS3 is required before applying to CGSC/ILE

Promoted to	Branch	Military Education	Civilian Education	Min TIG
1LT	AMEDD	OBC	90 Semester Hours	24 mo
CPT	AMEDD	OBC	BA/BS Degree	2 yrs
MAJ	AMEDD	*OAC - TAG requires CAS3	BA/BS Degree	4 yrs
LTC	AMEDD	*50% CGSC	BA/BS Degree	4 yrs
COL	AMEDD	*CGSC/ILE	BA/BS Degree	3 yrs

* With the exception of OBC, all AMEDD officers except MS with primary specialty of 67 or medical functional area of 70 are exempt from military education requirements for promotion to MAJ, LTC and COL.

Promoted to	Branch	Military Education	Civilian Education	Min TIG
1LT	JAG	OBC	90 Semester Hours	24 mo
CPT	JAG	OBC	BA/BS Degree	2 yrs
MAJ	JAG	OBC	BA/BS Degree	4 yrs
LTC	JAG	50% CGSC or JAG RC General Staff Course	BA/BS Degree	4 yrs
COL	JAG	CGSC/ILE or JAG RC General Staff Course	BA/BS Degree	3 yrs

Promoted to	Branch	Military Education	Civilian Education	Min TIG
1LT	CHPLN	OBC	90 Semester Hours	24 mo
CPT	CHPLN	OBC	BA/BS Degree	2 yrs
MAJ	CHPLN	OBC	BA/BS Degree	4 yrs
LTC	CHPLN	50% CGSC or PH I CH RC General Staff Course	BA/BS Degree	4 yrs
COL	CHPLN	CGSC/ILE or PH I & PH II CH RC General Staff Course	BA/BS Degree	3 yrs

TIG and Military Education Requirements for Promotion

Rank		Military Education	Min TIG
CW2		Warrant Officer Basic Course	2 yrs
CW3		Warrant Officer Advanced Course	*6 yrs
CW4		**Warrant Officer Staff Course	*6 yrs
CW5		Warrant Officer Senior Staff Course	5 yrs

* Warrant officers in grade position rank coded higher than current grade may be considered for promotion upon completion of five years in the lower grade.

**Warrant Officers who on 1 Oct 98 have attained 3 years time in grade as CW3 are not required to complete this course.

FUTURE FORCE STRUCTURE OVERVIEW

MOS COMPARISON
Today vs Future Force Structure

AS OF 27 Dec 06

OFF	332	OFF	371	OFF	39
WO	101	WO	96	WO	-5
ENL	3222	ENL	2775	ENL	-447
TOTAL	3655	TOTAL	3242	TOTAL	-413

CURRENT		2008		DIFFERENCE	
MG	1	MG	1	MG	0
BG	1	BG	1	BG	0
O6	14	O6	14	O6	0
O5	44	O5	47	O5	3
O4	72	O4	90	O4	18
O3	114	O3	144	O3	30
O2	86	O2	74	O2	-12
O1		O1		O1	0
W5	6	W5	6	W5	0
W4	19	W4	17	W4	-2
W3	25	W3	26	W3	1
W2	51	W2	47	W2	-4
W1		W1		W1	0
E9	20	E9	22	E9	2
E8	77	E8	87	E8	10
E7	238	E7	250	E7	12
E6	408	E6	370	E6	-38
E5	720	E5	624	E5	-96
E4	1064	E4	864	E4	-200
E3	695	E3	558	E3	-137
TOTAL	3655	TOTAL	3242	TOTAL	-413

MOS COMPARISON
Today vs Future Force Structure

AS OF 27 Dec 06

CURRENT

OFF 332
 WO 101
 ENL 3222
 TOTAL 3655

2008

OFF 371
 WO 96
 ENL 2775
 TOTAL 5250

TR	MOS	CURRENT	2008	DIFF	MOS
ENL	00F2	2	2		00F2
ENL	00F3	8	8		00F3
ENL	00F4	13	13		00F4
ENL	00F5	11	11		00F5
ENL	00Z5	11	11		00Z5
ENL	09B1				09B1
ENL	11B4		1	1	11B4
ENL	11Z5		4	4	11Z5
ENL	13B4	1		-1	13B4
ENL	13D1	11		-11	13D1
ENL	13D2	2		-2	13D2
ENL	13D3	2		-2	13D3
ENL	13D4	2		-2	13D4
ENL	13F1	3	1	-2	13F1
ENL	13F2	1		-1	13F2
ENL	13F3	1	1		13F3
ENL	13F4	3	1	-2	13F4
ENL	13M1	198	72	-126	13M1
ENL	13M2	76	30	-46	13M2
ENL	13M3	51	24	-27	13M3
ENL	13M4	23	11	-12	13M4
ENL	13P1	73	47	-26	13P1
ENL	13P2	21	16	-5	13P2
ENL	13P3	13	7	-6	13P3
ENL	13P4	8	5	-3	13P4
ENL	13S1	8	2	-6	13S1
ENL	13S2	6	1	-5	13S2
ENL	13S3	1	1		13S3
ENL	13S4	1		-1	13S4
ENL	13W1	3		-3	13W1
ENL	13W2	1		-1	13W2
ENL	13W3	1		-1	13W3
ENL	13W4	1		-1	13W4
ENL	13Z5	16	8	-8	13Z5
ENL	14J1		2	2	14J1
ENL	14J3		1	1	14J3
ENL	15B1	2	1	-1	15B1
ENL	15B2	1	1		15B2
ENL	15B3	1	1		15B3
ENL	15D1	3	2	-1	15D1
ENL	15F1	5	4	-1	15F1
ENL	15F2	1		-1	15F2
ENL	15G1	3	1	-2	15G1
ENL	15G2	2	1	-1	15G2
ENL	15H1	2	1	-1	15H1

MOS COMPARISON

Today vs Future Force Structure

ENL	15H2	1	1		15H2
ENL	15K4	2	2		15K4
ENL	15N1	4	1	-3	15N1
ENL	15N2	1	1		15N2
ENL	15P1	4	2	-2	15P1
ENL	15P2	6	5	-1	15P2
ENL	15P3	3	2	-1	15P3
ENL	15P4	2	1	-1	15P4
ENL	15Q1		1	1	15Q1
ENL	15Q4		1	1	15Q4
ENL	15T1	22	14	-8	15T1
ENL	15T2	19	12	-7	15T2
ENL	15T3	13	7	-6	15T3
ENL	15T4	2	1	-1	15T4
ENL	15V1	1	1		15V1
ENL	15V2	3	3		15V2
ENL	15W1		1	1	15W1
ENL	15W2		1	1	15W2
ENL	15Z5	1	1		15Z5
ENL	21B1	210	71	-139	21B1
ENL	21B2	48	12	-36	21B2
ENL	21B3	28	12	-16	21B3
ENL	21B4	16	7	-9	21B4
ENL	21C1	81	81		21C1
ENL	21C2	27	27		21C2
ENL	21C3	14	14		21C3
ENL	21C4	4	5	1	21C4
ENL	21E1	45	62	17	21E1
ENL	21E2	15	24	9	21E2
ENL	21F1	6		-6	21F1
ENL	21F2	5		-5	21F2
ENL	21H3	6	13	7	21H3
ENL	21H4	6	8	2	21H4
ENL	21J1	25	26	1	21J1
ENL	21J2	8	7	-1	21J2
ENL	21K1	6	21	15	21K1
ENL	21K2	3	9	6	21K2
ENL	21M1	5	5		21M1
ENL	21M2	1	1		21M2
ENL	21M3	2	2		21M3
ENL	21M4		1	1	21M4
ENL	21N3	11	12	1	21N3
ENL	21N4	4	7	3	21N4
ENL	21R1	6	24	18	21R1
ENL	21R2	3	3		21R2
ENL	21T1	11	1	-10	21T1
ENL	21T2	3		-3	21T2
ENL	21T3	1	1		21T3
ENL	21T4		1	1	21T4
ENL	21V1	1		-1	21V1
ENL	21V2	1		-1	21V2
ENL	21W1	9	52	43	21W1
ENL	21W2	3	9	6	21W2
ENL	21X5	3	5	2	21X5
ENL	21Y1		2	2	21Y1

MOS COMPARISON
Today vs Future Force Structure

ENL	21Y2		1	1	21Y2
ENL	21Y3		1	1	21Y3
ENL	21Z5	8	5	-3	21Z5
ENL	25B1	3	18	15	25B1
ENL	25B2	7	9	2	25B2
ENL	25B3	5	8	3	25B3
ENL	25B4	1	2	1	25B4
ENL	25B5		1	1	25B5
ENL	25C1	4	2	-2	25C1
ENL	25C2	2	1	-1	25C2
ENL	25F1	2		-2	25F1
ENL	25F3		3	3	25F3
ENL	25L1	6	2	-4	25L1
ENL	25L2	3		-3	25L2
ENL	25L3	1		-1	25L3
ENL	25N1		3	3	25N1
ENL	25N3		1	1	25N3
ENL	25P1		2	2	25P1
ENL	25P2		1	1	25P2
ENL	25P3		1	1	25P3
ENL	25Q1		3	3	25Q1
ENL	25Q2		2	2	25Q2
ENL	25S1		2	2	25S1
ENL	25S2		1	1	25S2
ENL	25S3		1	1	25S3
ENL	25U1	32	37	5	25U1
ENL	25U2	13	12	-1	25U2
ENL	25U3	5	3	-2	25U3
ENL	25U4	3	5	2	25U4
ENL	25U5	4	2	-2	25U5
ENL	25W4		2	2	25W4
ENL	25W5		1	1	25W5
ENL	25Y5	2	2		25Y5
ENL	27D1	3	3		27D1
ENL	27D2	4	4		27D2
ENL	27D3	1	1		27D3
ENL	27D4		1	1	27D4
ENL	31B1	100	104	4	31B1
ENL	31B2	24	24		31B2
ENL	31B3	12	14	2	31B3
ENL	31B4	3	9	6	31B4
ENL	31B5	1	5	4	31B5
ENL	31E4		1	1	31E4
ENL	35F1		2	2	35F1
ENL	35F2		2	2	35F2
ENL	35F3		1	1	35F3
ENL	35F4		1	1	35F4
ENL	38B4		1	1	38B4
ENL	42A1	13	23	10	42A1
ENL	42A2	25	27	2	42A2
ENL	42A3	16	21	5	42A3
ENL	42A4	16	17	1	42A4
ENL	42A5	5	5		42A5
ENL	42L1	17		-17	42L1
ENL	42L2	1		-1	42L2

MOS COMPARISON

Today vs Future Force Structure					
ENL	42L3	1		-1	42L3
ENL	42L4				42L4
ENL	42R1	15	14	-1	42R1
ENL	42R2	12	12		42R2
ENL	42R3	8	8		42R3
ENL	42R4	4	4		42R4
ENL	42R5	1	1		42R5
ENL	44B1	8	8		44B1
ENL	44B2	2	4	2	44B2
ENL	44C2	2	2		44C2
ENL	44C3	4	4		44C3
ENL	44C4	2	2		44C4
ENL	44E1	5	3	-2	44E1
ENL	44E2	1	1		44E2
ENL	44E3	1	1		44E3
ENL	45B1		3	3	45B1
ENL	45B2		1	1	45B2
ENL	45G1		3	3	45G1
ENL	45G2		1	1	45G2
ENL	45K1		3	3	45K1
ENL	45K2		1	1	45K2
ENL	45K3		1	1	45K3
ENL	45K4	1	3	2	45K4
ENL	46Q1	1	5	4	46Q1
ENL	46Q2		2	2	46Q2
ENL	46Q3		1	1	46Q3
ENL	46R1	1	4	3	46R1
ENL	46R2	1	1		46R2
ENL	46R3	1	1		46R3
ENL	46Z4	1	4	3	46Z4
ENL	46Z5		1	1	46Z5
ENL	52C1	7	5	-2	52C1
ENL	52C2	4	1	-3	52C2
ENL	52C3	5	2	-3	52C3
ENL	52D1	13	15	2	52D1
ENL	52D2	4	6	2	52D2
ENL	52D3		2	2	52D3
ENL	52X4	2	2		52X4
ENL	56M1	3	4	1	56M1
ENL	56M2	1	1		56M2
ENL	56M3	2	2		56M3
ENL	56M5	1	1		56M5
ENL	62B1	20	18	-2	62B1
ENL	62B2	9	7	-2	62B2
ENL	62B3	2	4	2	62B3
ENL	62B4	4		-4	62B4
ENL	63B1	141	87	-54	63B1
ENL	63B2	61	42	-19	63B2
ENL	63B3	35	22	-13	63B3
ENL	63H1	39	19	-20	63H1
ENL	63H2	24	12	-12	63H2
ENL	63H3	8	6	-2	63H3
ENL	63J1	14	7	-7	63J1
ENL	63J2	6	2	-4	63J2
ENL	63X4	26	24	-2	63X4

MOS COMPARISON					
Today vs Future Force Structure					
ENL	63Z5	10	10		63Z5
ENL	67G2	4	4		67G2
ENL	67G4	1	1		67G4
ENL	68A1	1	1		68A1
ENL	68E1	1	2	1	68E1
ENL	68E2	1	1		68E2
ENL	68G1	2	2		68G1
ENL	68G2	1	2	1	68G2
ENL	68J3	1	2	1	68J3
ENL	68K1	1	1		68K1
ENL	68K2		1	1	68K2
ENL	68P1	1	1		68P1
ENL	68P2	1	1		68P2
ENL	68W1	61	55	-6	68W1
ENL	68W2	25	21	-4	68W2
ENL	68W3	18	15	-3	68W3
ENL	68W4	8	8		68W4
ENL	68W5	4	3	-1	68W5
ENL	68X1		1	1	68X1
ENL	74D1	9	14	5	74D1
ENL	74D2	14	13	-1	74D2
ENL	74D3	7	11	4	74D3
ENL	74D4	4	4		74D4
ENL	74D5	2	3	1	74D5
ENL	79S4		1	1	79S4
ENL	79T4	30	34	4	79T4
ENL	79T5	6	6		79T5
ENL	88H2	1		-1	88H2
ENL	88M1	240	214	-26	88M1
ENL	88M2	105	133	28	88M2
ENL	88M3	56	58	2	88M3
ENL	88M4	13	11	-2	88M4
ENL	88N1		1	1	88N1
ENL	88N2		3	3	88N2
ENL	88N3		3	3	88N3
ENL	88N4	1	5	4	88N4
ENL	88Z5	4	5	1	88Z5
ENL	89B3		1	1	89B3
ENL	89B4		3	3	89B4
ENL	89D5		1	1	89D5
ENL	91E1	1		-1	91E1
ENL	91E2				91E2
ENL	91J3	1		-1	91J3
ENL	92A1	47	46	-1	92A1
ENL	92A2	32	25	-7	92A2
ENL	92A3	6	14	8	92A3
ENL	92A4	3	10	7	92A4
ENL	92A5	1	9	8	92A5
ENL	92F1	49	54	5	92F1
ENL	92F2	12	26	14	92F2
ENL	92F3	2	4	2	92F3
ENL	92F4		1	1	92F4
ENL	92G1	55	52	-3	92G1
ENL	92G2	23	18	-5	92G2
ENL	92G3	18	13	-5	92G3

MOS COMPARISON
Today vs Future Force Structure

ENL	92G4	10	10		92G4
ENL	92G5	3	3		92G5
ENL	92L2		1	1	92L2
ENL	92M3		2	2	92M3
ENL	92S4		1	1	92S4
ENL	92W1	21	12	-9	92W1
ENL	92W2	10	4	-6	92W2
ENL	92W3	1	1		92W3
ENL	92W4	2	2		92W4
ENL	92Y1	41	40	-1	92Y1
ENL	92Y2	10	14	4	92Y2
ENL	92Y3	30	25	-5	92Y3
ENL	92Y4	11	13	2	92Y4
ENL	92Y5	3	3		92Y5
ENL	92Z5		1	1	92Z5
ENL	94E1	7	8	1	94E1
ENL	94E2	1	2	1	94E2
ENL	94E3	1	1		94E3
ENL	94F1		12	12	94F1
ENL	94F2		3	3	94F2
ENL	94F3		3	3	94F3
ENL	94L1	1	1		94L1
ENL	94M1		2	2	94M1
ENL	94P1	18	3	-15	94P1
ENL	94P2	6	3	-3	94P2
ENL	94P3	2	1	-1	94P3
ENL	94P4	2		-2	94P4
ENL	94R1	1	1		94R1
ENL	94R2	1	1		94R2
ENL	94W4	2	3	1	94W4
ENL	94Y1	4		-4	94Y1
ENL	94Y2	1		-1	94Y2
ENL	96B1		2	2	96B1
ENL	96B2	5	2	-3	96B2
ENL	96B3	1	1		96B3
ENL	96B5		1	1	96B5
ENL	96H1	4		-4	96H1
ENL	96H2	1		-1	96H2
ENL	96H3	1		-1	96H3
OFF	00B0	2	2		00B0
OFF	01A0	52	59	7	01A0
OFF	03A0		2	2	03A0
OFF	05A0	6	6		05A0
OFF	13A0	65	30	-35	13A0
OFF	14A0		1	1	14A0
OFF	15B0	3	4	1	15B0
OFF	21A0	2	2		21A0
OFF	21B0	53	42	-11	21B0
OFF	21D0	2	2		21D0
OFF	25A0	7	10	3	25A0
OFF	27A0	8	7	-1	27A0
OFF	30A0	1	1		30A0
OFF	31A0	4	14	10	31A0

MOS COMPARISON **Today vs Future Force Structure**

OFF	35D0	5	8	3	35D0
OFF	38A0		1	1	38A0
OFF	42B0		2	2	42B0
OFF	43A0	11	17	6	43A0
OFF	43A1	1		-1	43A1
OFF	43A2	1		-1	43A2
OFF	44A0	1	1		44A0
OFF	45A0	2	2		45A0
OFF	46A0	2	4	2	46A0
OFF	50A0	1	1		50A0
OFF	51C0		2	2	51C0
OFF	53A0	4	5	1	53A0
OFF	56A0	9	10	1	56A0
OFF	57A0	2	1	-1	57A0
OFF	59A0	3	3		59A0
OFF	61H0	2	2		61H0
OFF	61N0	1	1		61N0
OFF	62B0	6	6		62B0
OFF	63A0	3	3		63A0
OFF	65D0	7	8	1	65D0
OFF	66H0	6	6		66H0
OFF	67D0	1	2	1	67D0
OFF	67J0	13	5	-8	67J0
OFF	70B0		1	1	70B0
OFF	70B6	3	3		70B6
OFF	70E0	1	1		70E0
OFF	70H0	1	4	3	70H0
OFF	70H6	2		-2	70H6
OFF	72A6	1	1		72A6
OFF	74A0		3	3	74A0
OFF	74B0	5	6	1	74B0
OFF	88A0		6	6	88A0
OFF	88B0	2	2		88B0
OFF	88D0	14	10	-4	88D0
OFF	89E0		1	1	89E0
OFF	90A0	4	33	29	90A0
OFF	91A0	9	18	9	91A0
OFF	92A0	2	9	7	92A0
OFF	92F0	2	1	-1	92F0
WO	011A	2	2		011A
WO	131A	4	2	-2	131A
WO	140A		1	1	140A
WO	151A	1		-1	151A
WO	152B	5	5		152B
WO	153A	2	2		153A
WO	153D	28	14	-14	153D
WO	155A	4	4		155A
WO	155E	6	6		155E
WO	210A	2	5	3	210A
WO	250N	1	2	1	250N
WO	251A	3	5	2	251A
WO	254A		1	1	254A
WO	311A		2	2	311A

MOS COMPARISON					
Today vs Future Force Structure					
WO	420A	11	12	1	420A
WO	420C	1	1		420C
WO	882A		1	1	882A
WO	913A		1	1	913A
WO	914A	1	1		914A
WO	915A	7	3	-4	915A
WO	915E	7	6	-1	915E
WO	919A	5	4	-1	919A
WO	920A	9	10	1	920A
WO	920B	2	3	1	920B
WO	922A		2	2	922A
WO	948B		1	1	948B



Joint Force Headquarters

JFHQ
(0-8)

(70-3-26-195)

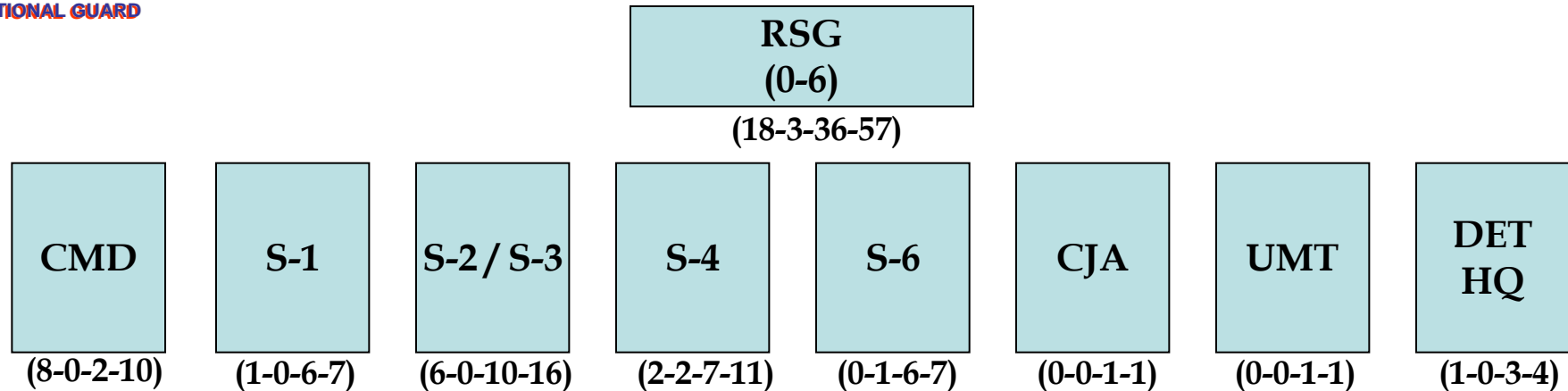
MISSION:

To provide command and control for all units assigned to the state and to provide trained, equipped and ready forces capable of mobilizing and deploying in support of their federal and state mission, and, when required, conduct missions authorized by the National Command Authority and/or the Governor.

Community Based - Ready - Focused on People



Regional Support Group



MISSION:

To provide command and control, structure for non major combat operations, And assist AC/RC units in meeting training, readiness, and deployment requirement.

Community Based - Ready - Focused on People



Regional Support Group

★ Capabilities:

- A. Provides command and control and Structure for non major operations.
- B. Provides command and control and Supervision for assigned and attached units.
- C. Provides trained and equipped units capable Of immediate expansion to war strength for Service in time of war or national emergency.
- D. Prepares for mobilization planning and Assistance to attached units.
- E. Provides support to accomplish administrative And logistical assistance to alerted units.
- F. Provides post mobilization command control And assistance.
- G. Executes assigned small scale contingences Homeland defense and contingency missions.

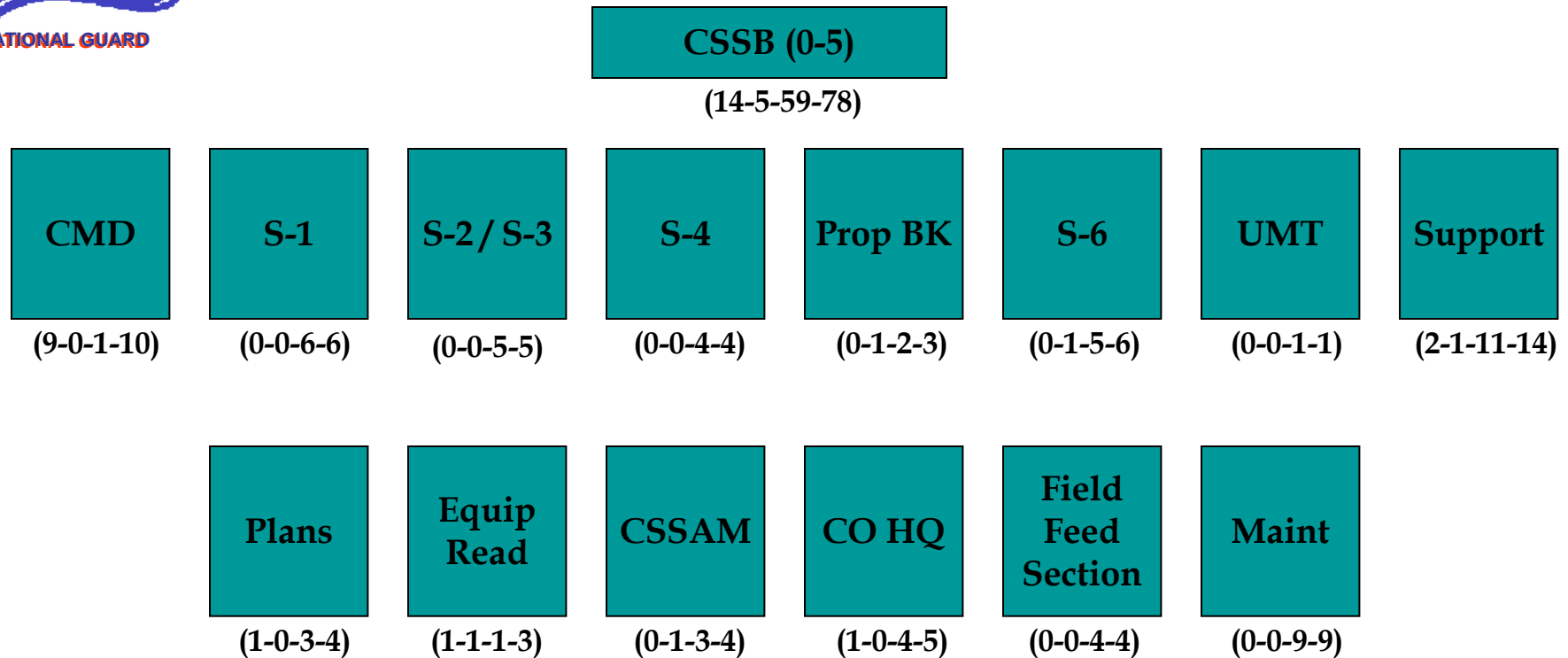
★ Equipment:

- 1. Computer System
- 2. Data transfer Device
- 3. Generator Set
- 4. HF Radio Set
- 5. KY-99 Miniterm
- 6. Pistol 9MM
- 7. Radio Set AN/VRC
- 8. Rifle 5.56MM
- 9. Terminal Radio
- 10. Truck Utility Cargo
- 11. Power Supply Vehicle
- 12. Mask Chemical Biological
- 13. Interrogator Set

Community Based - Ready - Focused on People



Combat Sustainment Support Battalion



MISSION:

Provides command and control for all assigned and attached units.

Community Based - Ready - Focused on People



Combat Sustainment Support Battalion

★ Capabilities:

- A. Command and control of all assigned Units for the battalion.
- B. Logistics management information and Advice to the UEX or UEY commander.
- C. Technical supervision over operations For all CSS units within its AOR.
- D. Logistics system management and Software support for automated logistics Functions/systems through the CSSAMO.
- E. Supply and maintenance material Management for water and classes.
- F. Plans and controls use of air and surface Transport specifically allocated or attached For logistics and admin missions.
- G. Maintenance management for units.
- H. Field feeding support for itself.

★ Equipment:

- 1. Radio Set AN/VRC-92A
- 2. Truck Utility/Cargo/TC
- 3. Computer System Digital
- 4. Net Control Device KYX-15
- 5. Truck Utility/Expanded 4X4
- 6. Communication Subsystem
- 7. Generator Set/10KW 60HZ
- 8. Generator Set Diesel Engine
- 9. Radio Set AN/VRC 92D
- 10. Radio Set AN/VRC 90A
- 11. Radio Set AN/VRC 90D
- 12. Radio Set AN/VRC 90F

Community Based - Ready - Focused on People



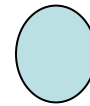
129th MPAD

MPAD (O-4)

(4-0-16-20)

MISSION:

To provide direct public affairs support to units deployed in support of combined, unified, or joint operations.



Equipment

1. 4-HMMWV
2. 4-3/4 Ton Trailer
3. 2-5 KW Generator

Community Based - Ready - Focused on People



451st Engineer Fire Fighting Team

FFTG TEAM (E-6)

(0-0-7-7)

Capabilities

1. Fire fighting, prevention programs, and crash extractions and first aid.
2. Aviation fire fighting and extraction of personnel and equipment from crashed aircraft.
3. Fire fighting protection against brush or grass fires within assigned area when augmented with combat or construction engineer soldiers/units.
4. 6,000 gallons of water per trip to support the fire truck when fighting fires.

Equipment

1. 1-HMMWV
2. 1-Fire Truck
3. 1-Tractor Truck w/semi trl
4. 1-3KW Generator

MISSION:

To provide fire fighting service
In theater of operations
including Fire protection of
aviation and Major facilities.

Community Based - Ready - Focused on People



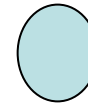
216th Engineer Fire Fighting Team

FFTG TEAM (O-2)

(1-0-3-4)

MISSION:

To provide fire fighting service
in theater of operations,
as required.



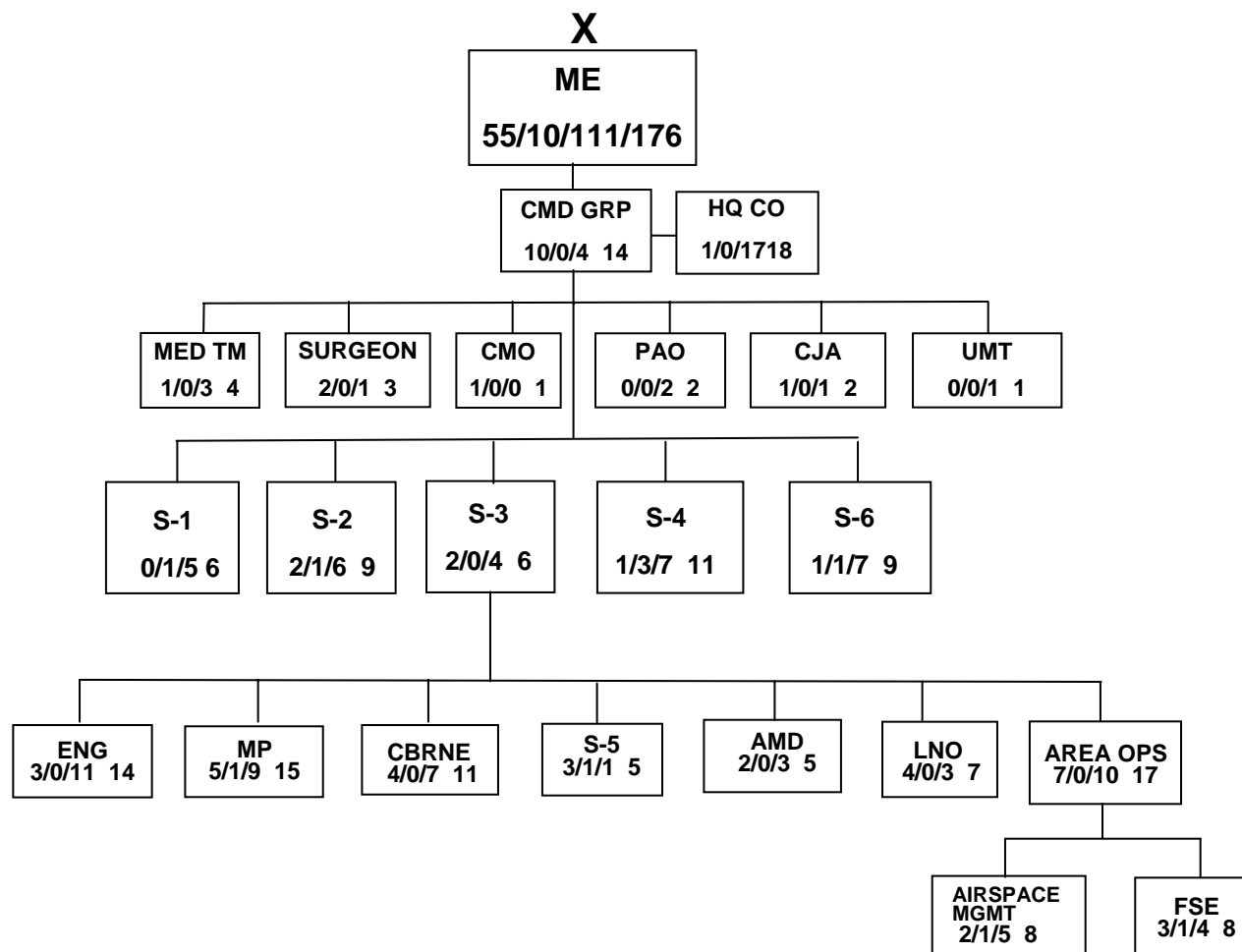
Equipment

1. 1-HMMWV

Community Based - Ready - Focused on People



Maneuver Enhanced Brigade



Community Based - Ready - Focused on People



Maneuver Enhanced Brigade

MISSION:

To enable, enhance and protect the operational and tactical freedom of action of the supported force. It receives and integrates mission tailored forces to brigade combat teams (BCT) and support brigades. It commands and controls forces necessary to conduct security and functional operations in a designated area of operations (AO) in order to enable force application, focused logistics, battle space awareness and protection.



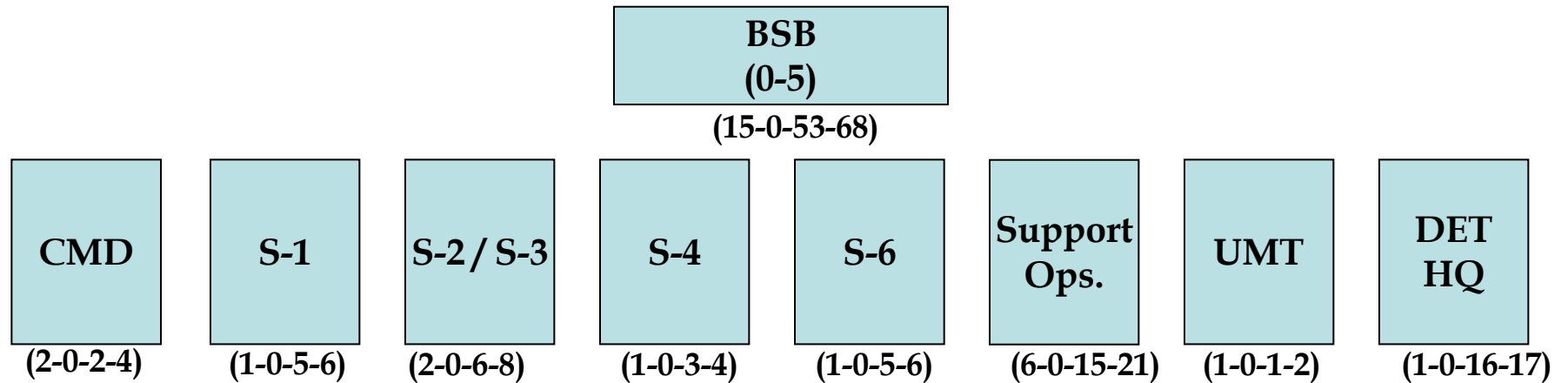
Equipment

1. 50 HMMWV
2. 5 Truck Util. 6X6
3. 8 Generator 3KW
4. 1 Generator 10KW

Community Based - Ready - Focused on People



Brigade Support Battalion



MISSION:

To command and control organic and attached units assigned to the Brigade Support Battalion

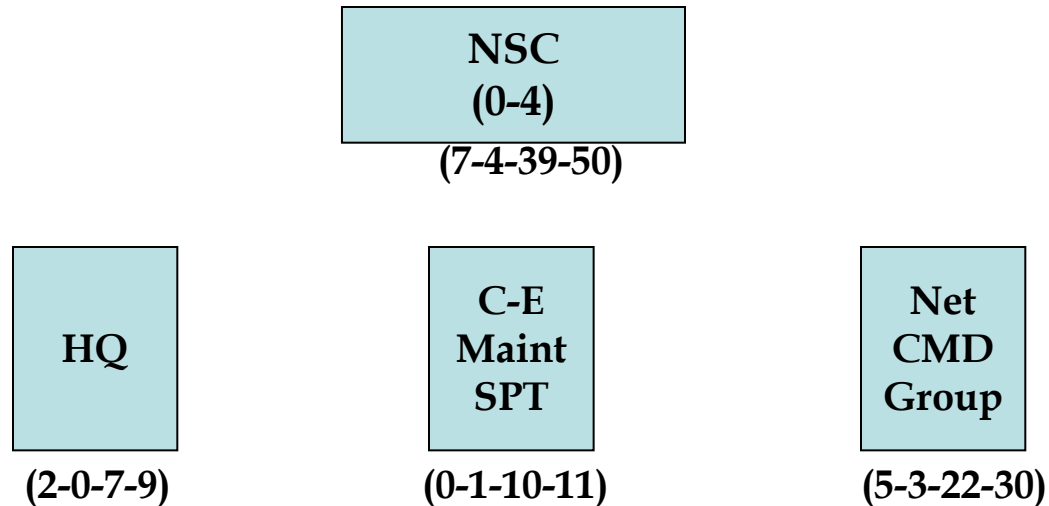
Equipment

1. 14 HMMWV
2. 1 Generator 5 KW
3. 3 Generator 3 KW
4. 4 Generator 10KW

Community Based - Ready - Focused on People



Network Support Company



MISSION:

To install, operate, and maintain
The division communications system.

Community Based - Ready - Focused on People



Network Support Company

★ Capabilities

1. Enhanced small extension node switches for Local switching and for access of wire/data subscribers plus 8 satellite terminals one per E-SEN.
2. Ultra high frequency LOS radio links between E-SEN.
3. Net radio interface for FM radio access into the area Communications network at selected E-SEN.
4. A SPARES facility to perform limited communications Electronics direct support.

★ Equipment

1. 3 HMMWV
2. 2 LMTV
3. 1 Wrecker
4. 9 Generator 5KW
5. 1 Water trailer
6. 1 Trailer
7. 8 Generator 10KW

Community Based - Ready - Focused on People



Co. A Distribution Company

A Co. Dist.
(0-3)

(5-1-113-119)

HQ

(2-0-4-6)

Distro.
PLT

(1-0-22-23)

Supply
PLT

(1-1-34-36)

Fuel
And
Water
PLT

(1-0-53-54)

Equipment:

1. Truck PLS
2. Trailer Palletized
3. Truck LMTV
4. 5-Fork Lift
5. 7-2500 Gal Truck Tank
6. Water Purifier-Light

Community Based - Ready - Focused on People



Co. B Maintenance Company

**C. B Maint.
(0-3)**

(6-6-179-191)

HQ

(2-2-54-58)

**Crypto
Repair**

(1-1-32-34)

**Track
Vehicle**

(1-1-33-35)

**QM
Chem
Equip**

(1-1-24-26)

**Wheel
Vehicle**

(1-1-33-35)

**SP
Elect
Maint**

(0-0-3-3)

MISSION:

To command and control assigned cellular platoons, modules, and teams

performing sustainment maintenance (off system repair and return to the supply system) operations.

Community Based - Ready - Focused on People



Co. B Maintenance Company



Capabilities:

1. Command control and supervision of subordinate platoons performing Sustainment maintenance functions. The span of control of the company Headquarters element will not exceed 176 personnel.
2. Unit administration, supply, wheeled Vehicle recovery, and field feeding support For up to 176 assigned personnel.
3. Maintenance control, shop supply, and an Allied trades for assigned platoons, teams.



Equipment:

1. Tool Kit Generator
2. Tool Kit MMTK
3. Truck Tractor M931A2
4. 1-ASM-146
5. Semi trailer 12 Ton
6. Crane 25 Ton
7. Gen 30KW
8. Weld Shop
9. Electrical Shop Semi Trailer
10. LMTV

Community Based - Ready - Focused on People



Field Artillery Battalion-Multiple Launch Rocket System

FA/MLRS
(0-5)

(32-2-284-318)

HHS

(17-2-83-102)

FA BTRY

FA BTRY

FA BTRY

(5-0-67-72)

MISSION:

To provide field artillery medium range rocket and long range missile fires in support of the heavy division and to destroy, neutralize or suppress in accordance with Army depth and simultaneous attack doctrine.

Community Based - Ready - Focused on People



Field Artillery MLRS Battery Breakout (X3)

HHS

(17-2-75-94)

HQ

(1-0-2-3)

OPS

(1-0-9-10)

**Firing
PLT**

(2-0-30-32)

**Support
PLT**

(1-0-26-27)

Community Based - Ready - Focused on People



Field Artillery Battalion-Multiple Launch Rocket System

Capabilities:

1. Delivers medium range rocket and long range rocket missile fires on preplanned targets and targets of opportunity that include, enemy acquisition assets, command and control facilities, long range theater missile systems surface to air missile sites.
2. Provides organic communications assets when deployed as an autonomous battery or when detached from its parent organization in support of one of the specified missions.

Equipment:

1. Control Receiver Transmitter
2. Computer Set
3. Digital Data Set
4. Carrier Command Post
5. Electric Transfer Keying Device
6. Grenade Launcher 40MM
7. Rocket Launcher Vehicle Mounted
8. Machine Gun 7.62
9. Net Control Device
10. Night Vision Sight AN/PVS 4
11. Radio Set AN/VRC 90A
12. Cargo Truck Heavy
13. Cargo Truck Troop Carrier

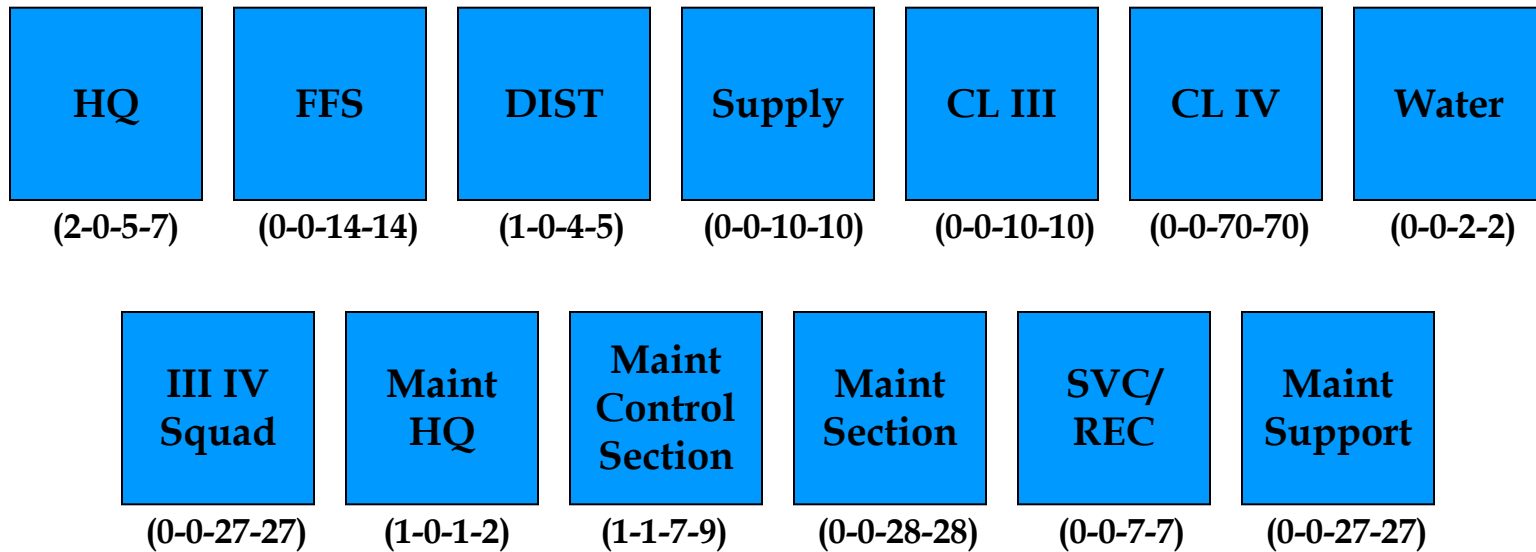
Community Based - Ready - Focused on People



Forward Support Company (MLRS) 3X6

FSC/MLRS (0-3)

(5-1-212-218)



MISSION:

To provide logistics support to a Fires Brigade
MLRS Battalion.

Community Based - Ready - Focused on People



Forward Support Company (MLRS) 3X6

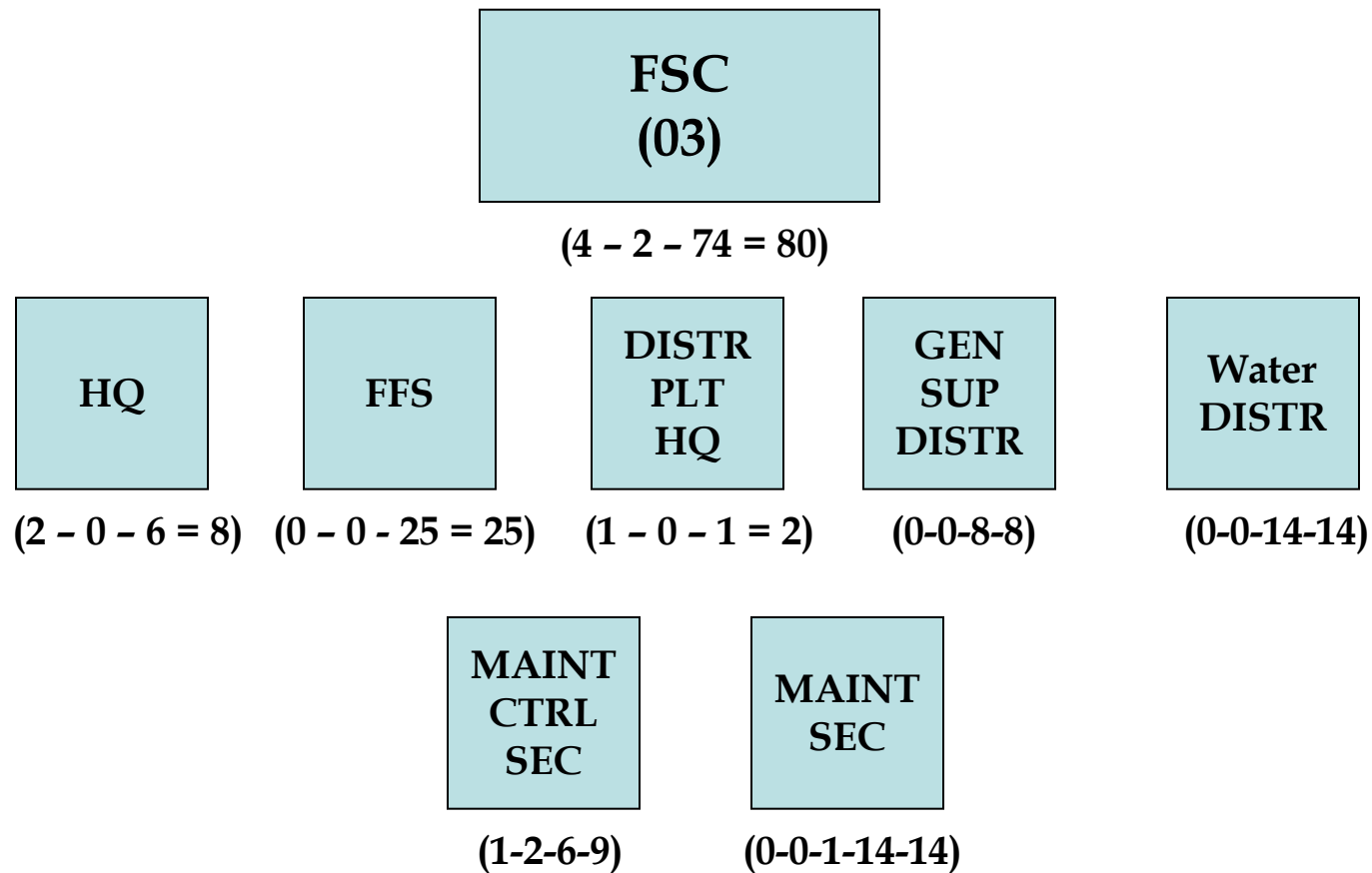
Equipment:

1. Analyzer Set Engine/Portable
2. Carrier Command Post/Light Post
3. Recovery Vehicle Full Tracked
4. Radio Set AN/VRC 90A
5. Semi-Trailer Flatbed
6. Semi-Trailer Tank Fuel: Servicing
7. Semi-Trailer Van: Supply
8. Shop Equipment Contact Maint TRK
9. Tool Kit: General Mechanics
10. Truck Cargo: Tactical 8X8
11. Tool Kit: Launcher Loader
12. Trailer Flatbed: 11 Ton 4 Wheel
13. Truck Utility Cargo: Troop Carrier
14. Truck Wrecker: Tactical 8X8
15. Shop Equipment: Auto Maint
16. Tool Kit: Body & Fender Repair
17. Tool Kit Electronic Repair
18. Tool Kit Master Mechanics
19. Tool Kit Welders
20. Trailer Cargo: 1-1/2 Ton 2 Wheel
21. Truck Cargo: 1-1/2 Ton 6X6
22. Truck Cargo: 2-1/2 Ton 6X6
23. Truck Cargo: 5 Ton 6X6 LWB
24. Truck Tractor: 5 Ton 6X6
25. Truck Van: Expansible 5 Ton
26. Truck Van: Expansible 2-1/2 Ton
27. Welding Shop Trailer Mounted

Community Based - Ready - Focused on People



Forward Support Company Engineer Battalion Headquarters



Community Based - Ready - Focused on People



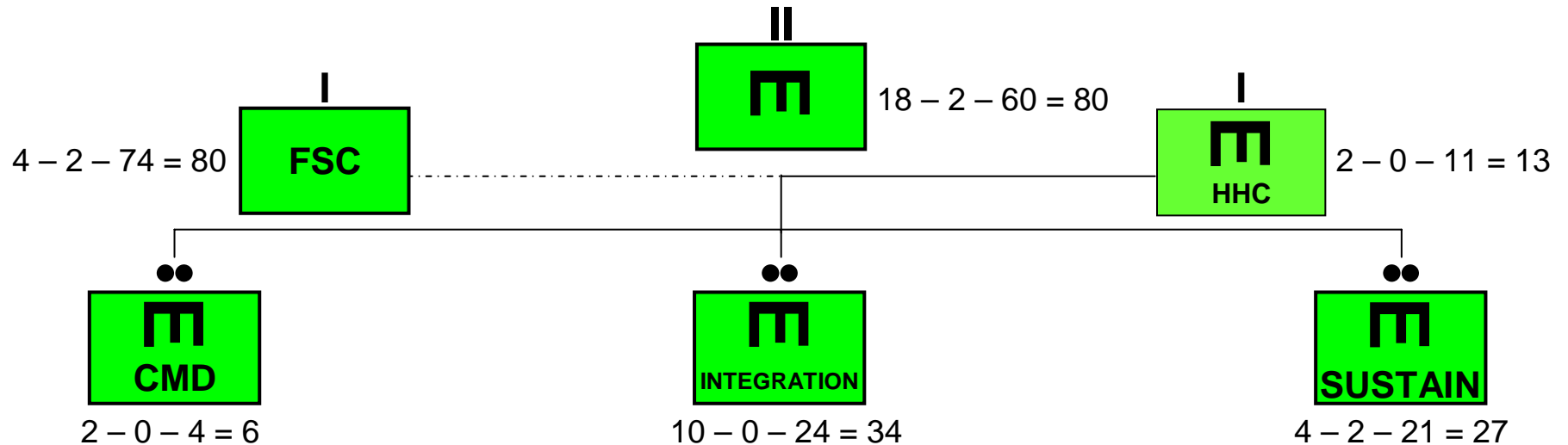
Forward Support Company Engineer Battalion Headquarters

(Equipment:

1. Detecting Set Mine
2. 30KW Generator
3. LMTV-4x4
4. M998 HMMWV
5. M1113 HMMWV
6. M1082 Trailer LMTV
7. 400 Gallon Water Trailer
8. Containerized Kitchen
9. Sanitation Center
10. Trailer M998 HMMWV
11. Trailer Palletized Loading
12. Truck Cargo (HEMTT LHS)
13. Trailer Water 900 Gallon (Camel)
14. T93761-Trailer Palletized
15. T96496-Truck Cargo (HEMTT-LHS)
16. HMMWV Cargo Troop Carrier
17. Trailer Cargo MTV Dropside
18. Truck Van Expansible MTV M1087
19. Team Comet Vehicle Heavy HMMWV
20. Truck Wrecker Recovery M984E1
21. Truck Wrecker MTV W/E W/W
22. Welding Shop Trailer Mounted
23. M978 HEMTT Fueler
24. Rigid Wall Shelter Command Post

Community Based - Ready - Focused on People

Battalion HQs



MISSION:

Plan, integrate, and direct execution of engineer missions conducted by any mix of **3-5** assigned engineer companies to provide mobility in support of force application or focused logistics.

Provide the necessary level of engineer battle command to mission tailored Support Brigades or Engineer Brigades at UEx or UEy. Augment Maneuver Brigade Combat Teams with focused engineer battle command if engineer task organization or scope of mission requires. Ensure mission readiness of assigned companies and units in the engineer force pool.

EFFECTS:

Ensure mission readiness of **3-5** assigned companies and other units in the force pool in garrison.

As an Engineer Mission Force, provide tailorable and scalable engineer battle command for **3-5** company sized engineer mission teams assigned to Support Brigades or Engineer Brigades.

Capable of using two deployable command posts to exercise battle command over dispersed locations or to augment the Brigade Troops Battalion of Maneuver Brigade Combat Teams.

Receive Design/Survey and Explosive Hazard Teams from an Engineer Brigade to execute construction or explosive hazard clearance missions respectively.

Engineer Support Company

MISSION: Provide Battle Command of Engineer platoons that augment the early fight. Capable of accomplishing missions including RRR, initial basecamp construction, non-explosive obstacle breaching, non-explosive area clearing, constructing tactical UAV airfields, HLZs, and ALZs

CAPABILITIES:

Battle command of three to five platoons as an Engineer Team

Provide two RDE-L and 1 RDE-M platoons to Maneuver BCT or Support Brigades

Construct 18 two-man fighting positions or 12 crew-served fighting positions per hour

Construct 200 meters of protective berm per hour

Repair/maintain 12 km of MSR per day

Establish FARPS, Construct HLZ and UAV.

Combine w/horiz platoon to get ALZ capability

Scrape 1.25 cy of material per lift (SSL)

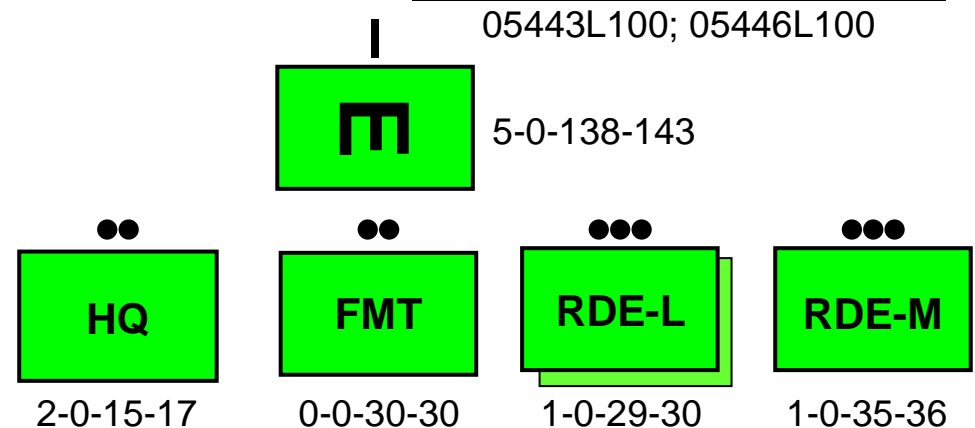
Prepare ingress/egress for float bridge operations

Capable of 24 hour operations

Fully self mobile utilizing organic assets

Total horizontal hours = 860 hours

CURRENT TOE EQUIVALENT:



- 2 - MCS-ENG
- 2 - D03932 - DETECTING SET MINE AN/PSS-14
- 1 - G74711 - GEN SET: DED SKID MTD 10KW 60HZ
- 1 - R98145 - RIGID WALL SHELTER: COMMAND POST
- 1 - T60081 - TRUCK CARGO: 4X4 LMTV W/E
- 2 - T61494 - TRUCK UTILITY: CARGO/TROOP CARRIER 1-1/4 TON 4X4 W/E (HMMWV)
- 1 - T61630 - TRUCK UTILITY: EXPANDED CAPACITY 4X4 W/E HMMWV M1113
- 1 - T95992 - TRAILER CARGO: HIGH MOBILITY 3/4 TON
- 1 - T96564 - TRAILER FLAT BED: M1082 TRLR CARGO LMTV W/DROPSIDES
- 1 - W98825 - TRAILER TANK: WATER 400 GALLON 1-1/2 TON 2 WHEEL W/E
- 1 - Z17296 - COMPUTER SET: DIGITAL AN/TYQ-53
- 1 - Z39441 - COMPUTER SET DIGITAL AN/TYQ-109 (V)2

Sapper Company

CURRENT TOE EQUIVALENT:

Corps Wheeled/Mech EN Co
05427L000/05437L200

MISSION:

Execute mobility, countermobility, survivability tasks, and provides support of general engineering missions in support of Maneuver and Support Brigades to enable force application, focused logistics, and protection. Reinforce engineers in Maneuver BCTs.

CAPABILITIES:

Training readiness and oversight of assigned sapper platoons

Battle command for 3-5 sapper, assault, obstacle, clearance, or tactical bridge platoons operating as an Engineer Team in the execution of mobility, countermobility, and survivability missions

Execute 120km (75 miles) of Hasty Route Clearance per day

Execute 6 dismounted or urban breach lanes

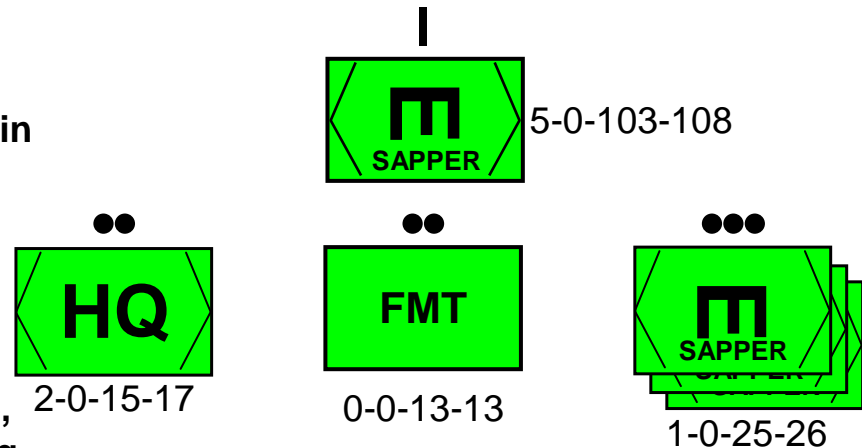
Execute 3 mounted breach lanes

Improve lanes and marking in the BCT rear area

Employ engineer units to emplace LOC bridges.

Receive and analyze GSTAMIDS/ASTAMIDS data from other units

Provide 660 manhours/day for general construction labor tasks to vertical, horizontal, or BCT companies during general engineering missions. (10 hours/day for E5 and below)



- 2 - CDWS
- 2 - MCS-ENG
- 1 - C41314 - STRYKER CV
- 2 - D03932 - DETECTING SET MINE AN/PSS-14
- 1 - J97621 - ENGINEER SQUAD VEHICLE (ESV) ICV
- 1 - T60081 - TRUCK CARGO: 4X4 LMTV W/E
- 2 - T61494 - TRUCK UTILITY: CARGO/TROOP CARRIER 1-1/4 TON 4X4 W/E (HMMWV)
- 1 - W98825 - TRAILER TANK: WATER 400 GALLON 1-1/2 TON 2 WHEEL W/E
- 1 - Z17296 - COMPUTER SET: DIGITAL AN/TYQ-53
- 1 - Z39441 - COMPUTER SET DIGITAL AN/TYQ-109 (V)2

Horizontal Construction Company

MISSION:

Provide battle command of Engineer Effects platoons that are necessary to conduct missions such as repair, maintain, construct air/ground LOC; emplace culverts; hauling; force protection; and limited clearing operations.

CAPABILITIES:

Command and control of three to five platoons as an Engineer Team

Construct 350 meters of berm per hour

Excavate 112 - 144 cy material per lift (scrapers)

Excavate 1859 cy (banked)/2321 cy (loose) material per hour (dozers)

Scoop 3.26 cy (GP Bucket)/3.54 CY (Ditching Bucket) per lift (HYEX)

Grade and compact approximately 2600 cy of material per hour

Compact 3000 compacted cy per hour (HSC)

Scoop 1.50cy (See Bucket)/.52 cy (See BH) per hour. Scoop 2.50 cy (420D Bucket) and .46 cy (420D BH) per hour

Capable of hauling 96 - 112 cy of material per trip (20 ton dump)

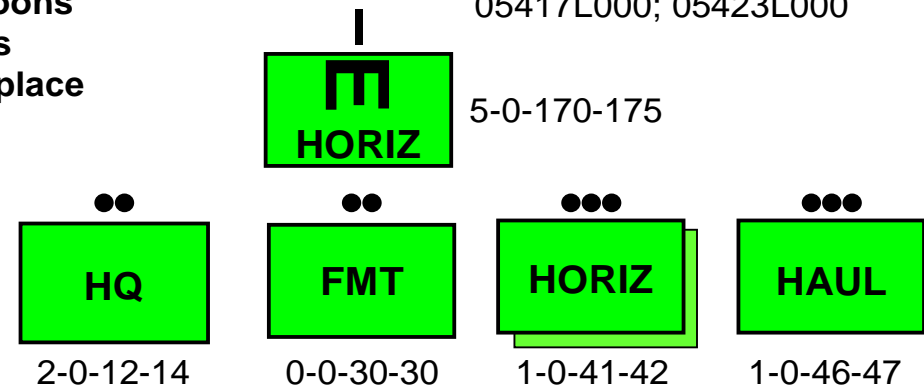
Fully self-mobile utilizing organic assets only

Capable of 24 hour operations

Total equipment hours =810 (54 major pieces of equip)

CURRENT TOE EQUIVALENT:

05417L000; 05423L000



- 2 - MCS-ENG
- 2 - D03932 - DETECTING SET MINE AN/PSS-14
- 1 - G74711 - GEN SET: DED SKID MTD 10KW 60HZ
- 1 - R98145 - RIGID WALL SHELTER: COMMAND POST
- 1 - T60081 - TRUCK CARGO: 4X4 LMTV W/E
- 2 - T61494 - TRUCK UTILITY: CARGO/TROOP CARRIER 1-1/4 TON 4X4 W/E (HMMWV)
- 1 - T61630 - TRUCK UTILITY: EXPANDED CAPACITY 4X4 W/E HMMWV M1113
- 1 - T73347 - TRUCK LIFT: FORK VARIABLE REACH ROUGH TERRAIN
- 1 - T95992 - TRAILER CARGO: HIGH MOBILITY 3/4 TON
- 1 - T96564 - TRAILER FLAT BED: M1082 TRLR CARGO LMTV W/DROPSIDES
- 1 - W98825 - TRAILER TANK: WATER 400 GALLON 1-1/2 TON 2 WHEEL W/E
- 1 - Z17296 - COMPUTER SET: DIGITAL AN/TYQ-53
- 1 - Z39441 - COMPUTER SET DIGITAL AN/TYQ-109 (V)2

Vertical Construction Company

CURRENT TOE EQUIVALENT:

05530LH00

MISSION:

Provide battle command of Vertical Engineer platoons that are capable of constructing basecamps, internment facilities; construct, repair, maintain vertical infrastructures.

CAPABILITIES:

Command and control three to five platoons as an Engineer Team

Capable of providing three vertical platoons to Maneuver BCT or Support Brigades

Construct, repair, maintain woodframe, steelframe, concrete, and preengineered structures

Construct, repair, maintain interior plumbing, water distribution, sewage distribution systems

Construct culverts/abatements/retaining walls
Scrape .62 cy of material per lift (SSL)

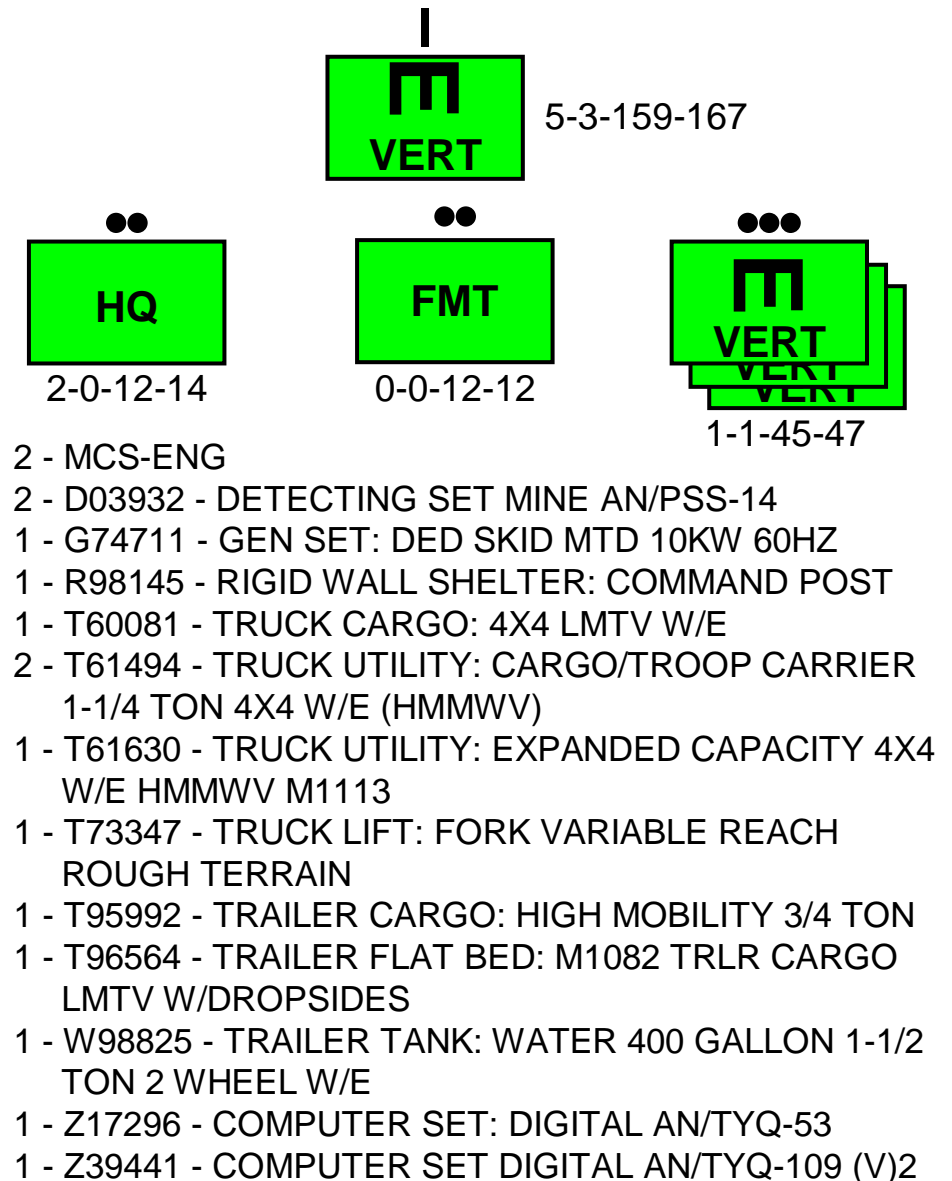
Emplace interior electrical, sewer systems

Combine with Horizontal Company and concrete teams to conduct port repair operations

Fully self mobile utilizing organic assets

Capable of 24 hour operations

Total vert hours = 990



PREPARED ON 12-JUL-2006 10:24

SDARNG ELEMENT, JOINT FORCE HEADQUARTERS

- TDA

PAGE 1

UICOD W8A7AA EDATE 01-OCT-2007

BDOCN/BCCNO NGW8A7AA/NG0106 SDOCN/SCCNO NGW8A7AA/NG0106

DOCNO NGW8A7AA CCNUM 0108

DOCUMENT STATUS - APPROVED

CUASC NGSD REPCO M

SECTION II - PERSONNEL

RECAPITULATION BY IDENTITY/CATEGORY

IDENTITY/CATEGORY	REQ STR	AUTH STR

MILITARY		
OFFICER - INTERCHANGEABLE	70	70
WARRANT - INTERCHANGEABLE	26	26
ENLISTED - INTERCHANGEABLE	99	99
	-----	-----
TOTAL MILITARY	195	195
CIVILIANS		
DIRECT HIRE (CIVCC)		
	-----	-----
CIVILIANS - TOTAL DIRECT HIRE	0	0
INDIRECT HIRE (CIVCC)		
	-----	-----
CIVILIANS - TOTAL INDIRECT HIRE	0	0
	-----	-----
TOTAL CIVILIANS	0	0
	=====	=====
TOTAL TDA	195	195
OTHER-PERS		
90 - PLANNING POSITION	481	0
	-----	-----
TOTAL OTHER-PERS POSITIONS	481	0
	=====	=====
GRAND TOTAL	676	195

UICOD W8A7AA EDATE 01-OCT-2007

BDOCN/BCCNO NGW8A7AA/NG0106 SDOCN/SCCNO NGW8A7AA/NG0106

DOCNO NGW8A7AA CCNUM 0108

DOCUMENT STATUS - APPROVED

CUASC NGSD REPCO M

SECTION II - PERSONNEL

RECAPITULATION BY GRADE, POSCO, LICCO, AND BRANCH

GRADE	POSCO	ASI01	ASI02	LICCO	BRANCH	REQ STR	AUTH STR

MILITARY							
MG	00B00				GO	1	1
BG	00B00				GO	1	1
O6	15B00				AV	1	1
O6	01A00				BI	3	3
O6	56A00				CH	1	1
O6	43A00				HR	1	1
O6	90A00				LG	1	1
O6	53A00				SA	1	1
O6	59A00				SJ	1	1
O5	15B00				AV	1	1
O5	01A00				BI	6	7
O5	45A00				CN	1	1
O5	21A00				EN	1	1
O5	21D00				EN	0	1
O5	50A00	3R			FD	1	1
O5	43A00				HR	4	4
O5	27A00				JA	2	2
O5	90A00				LG	1	1
O5	91A00				OR	1	1
O5	92A00				QM	1	1
O5	53A00				SA	1	1
O5	59A00				SJ	2	2
O5	88B00				TC	1	1
O4	01A00				BI	8	8
O4	56A00				CH	3	1
O4	45A00				CN	1	1
O4	44A00				FI	2	1
O4	43A00	5T			HR	1	1
O4	43A00				HR	1	1
O4	30A00				IO	1	1
O4	90A00				LG	1	1
O4	91A00				OR	1	1
O4	46A00				PA	1	1
O4	92A00				QM	1	1
O4	53A00				SA	2	2
O4	59A00	3R			SJ	1	1
O3	01A00				BI	7	9
O3	27A00				JA	2	2
O3	91A00				OR	1	0
O3	46A00				PA	1	1
O3	88B00				TC	1	1
						-----	-----
TOTAL OFFICERS						70	70
W5	420A0				AG	1	1
W5	153A0				AV	1	1
W5	011A0				BI	1	1
W5	915E0				OD	1	1
W5	920A0				QM	1	1
W4	420A0				AG	4	4
W4	270A0				JA	1	1
W4	915E0				OD	1	1
W4	920A0				QM	2	2
W4	251A0				SC	3	3
W3	420A0				AG	2	2
W3	153AL				AV	0	1
W3	251A0				SC	2	1
W2	420A0				AG	2	2
W2	915A0				OD	1	1
W2	920A0				QM	3	2
W2	920B0				QM	0	1
						-----	-----
TOTAL WARRANTS						26	26
E9	00F50				NC	1	1
E9	00Z50				NC	1	1

UICOD W8A7AA EDATE 01-OCT-2007

BDOCN/BCCNO NGW8A7AA/NG0106 SDOCN/SCCNO NGW8A7AA/NG0106

DOCNO NGW8A7AA CCNUM 0108

DOCUMENT STATUS - APPROVED

CUASC NGSD REPCO M

SECTION II - PERSONNEL

RECAPITULATION BY GRADE, POSCO, LICCO, AND BRANCH

GRADE	POSCO	ASI01	ASI02	LICCO	BRANCH	REQ STR	AUTH STR
E9	25Y50				NC	1	1
E9	42A50				NC	2	2
E9	63Z50				NC	1	1
E8	00F5M				NC	1	1
E8	00F50				NC	2	2
E8	25Y50				NC	1	1
E8	27D50				NC	1	0
E8	31B50				NC	1	1
E8	42A50				NC	1	1
E8	56M50				NC	0	1
E8	63Z50				NC	1	1
E8	88Z50				NC	1	1
E8	92A50				NC	1	1
E8	92G50				NC	1	1
E8	92Y50				NC	1	1
E7	00F4B				NC	2	1
E7	00F40				NC	2	2
E7	25B40				NC	1	1
E7	42A40				NC	5	4
E7	44C40				NC	3	3
E7	45K40				NC	1	1
E7	46Z40				NC	1	1
E7	68S40				NC	2	1
E7	88N40				NC	0	1
E7	92A40				NC	3	3
E7	92Y40				NC	1	1
E7	94W40				NC	2	2
E6	00F30				NC	2	3
E6	15P30				NC	0	1
E6	25B30				NC	3	3
E6	27D30	C5			NC	2	0
E6	42A30	E3			NC	1	1
E6	42A30				NC	14	8
E6	44C30				NC	6	5
E6	56M30				NC	0	1
E6	63B30				NC	1	2
E6	92A30				NC	4	5
E6	92G30				NC	1	3
E6	92Y30				NC	0	2
E5	15P20				NC	0	1
E5	25B20				NC	4	4
E5	27D20	C5			NC	0	1
E5	42A20	E3			NC	1	1
E5	42A20				NC	12	7
E5	42F20				NC	1	1
E5	44C20				NC	3	3
E5	63B20				NC	0	1
E5	92A20				NC	1	4
E5	92G20				NC	2	2
E5	92Y20	G3			NC	0	1
TOTAL ENLISTED						99	99
TOTAL MILITARY						195	195
CIVILIAN							
TOTAL CIVILIANS						0	0
TOTAL TDA						195	195

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DOCNO NGW8A7AA CCNUM 0108

CUASC NGSD REPCO M

RECAPITULATION BY AMSCO

[illegible]

PAGE 1

DOCNO NGW8A7AA CCNUM 0108

CUASC NGSD REPCO M

RECAPITULATION BY MDEP, AMSCO

[illegible]

CATEGORY CODE 3

APPROVED DOCUMENT

MACOM NG
DOCNO 63632FNG01
CCNUM 1008

SECTION II - PERSONNEL

RECAPITULATION BY IDENTITY

IDENTITY	REQ 100	AUTH 100	REQ 200	AUTH 200	REQ 300	AUTH 300	REQ 400	AUTH 400	REQ 500	AUTH 500	REQ 600	AUTH 600	REQ 700	AUTH 700	REQ 800	AUTH 800	REQ 900	AUTH 900	REQ TOT	AUTH TOT		
OFFICER	18	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18	18		
WARRANT	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3		
ENLISTED	36	36	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	36	36		
TOTAL	57	57	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	57	57		
GRAND TOTAL	ASSETS	PERSONNEL	REQ 100	AUTH 100	REQ 200	AUTH 200	REQ 300	AUTH 300	REQ 400	AUTH 400	REQ 500	AUTH 500	REQ 600	AUTH 600	REQ 700	AUTH 700	REQ 800	AUTH 800	REQ 900	AUTH 900	REQ TOT	AUTH TOT
O6	90A00	LG	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	
	TOTAL		1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	
O5	27A00	JA	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	
	90A00	LG	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	
	TOTAL		3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3	
O4	25A00	SC	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	
	42B00	AG	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	
	56A00	CH	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	
	90A00	LG	4	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	4	
	TOTAL		7	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	7	
O3	35D00	MI	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	
	42B00	AG	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	
	88A00	TC	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	
	90A00	LG	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	
	91A00	OD	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	
	92A00	QM	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	
	TOTAL		7	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	7	
	W2	254A0	SC	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
920A0		QM	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	
922A0		QM	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	
TOTAL			3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3	
E9	00Z50	NC	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	
	92Z50	NC	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	
	TOTAL		2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	
E8	25B50	NC	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	
	63Z50	NC	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	
	74D50	NC	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	
	88Z50	NC	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	
	92A50	NC	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3	
	92G50	NC	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	
	TOTAL		8	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	8	
	E7	27D40	NC	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
35F40		NC	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	
42A40		NC	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	
45K40		NC	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	
79S40		NC	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	
88N40		NC	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	
89B40		NC	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	
92A40		NC	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	
92Y40		NC	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	
TOTAL			10	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	10	
E6		25B30	NC	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
	42A30	NC	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	
	63H30	NC	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	
	92A30	NC	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	
	92Y30	NC	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	
	TOTAL		5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	5	
E5	25B20	NC	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	
	42A20	NC	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	

[illegible]

CATEGORY CODE 3

APPROVED DOCUMENT

MACOM NG
DOCNO 63426GNG01
CCNUM 1008

SECTION II - PERSONNEL

RECAPITULATION BY IDENTITY

ID		REQ 100	AUTH 100	REQ 200	AUTH 200	REQ 300	AUTH 300	REQ 400	AUTH 400	REQ 500	AUTH 500	REQ 600	AUTH 600	REQ 700	AUTH 700	REQ 800	AUTH 800	REQ 900	AUTH 900	REQ TOT	AUTH TOT		
OFFICER		15	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15	15		
WARRANT		2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2		
ENLISTED		59	59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	59	59		
TOTAL		76	76	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	76	76		
GRADE	POS	ASIC		REQ 100	AUTH 100	REQ 200	AUTH 200	REQ 300	AUTH 300	REQ 400	AUTH 400	REQ 500	AUTH 500	REQ 600	AUTH 600	REQ 700	AUTH 700	REQ 800	AUTH 800	REQ 900	AUTH 900	REQ TOT	AUTH TOT
		LICCOH																					
O5	90A00		LG	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	
	TOTAL			1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	
O4	90A00	S7	LG	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	
	90A00		LG	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1		
	TOTAL		2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2		
O3	25A00		SC	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	
	35D00		MI	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	
	56A00		CH	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	
	88A00		TC	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	
	90A00		LG	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	5	
	91A00		OD	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	
	92A00		QM	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	
	TOTAL			12	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12	12	
W2	251A0		SC	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	
	920B0		QM	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	
	TOTAL			2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	
E9	00Z50		NC	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	
	TOTAL			1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	
E8	63Z50		NC	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	
	88Z50		NC	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	
	92A5M		NC	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	
	92A50	2S	NC	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	
	TOTAL		4	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	4	
E7	25U40		NC	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	
	42A40		NC	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	
	63X40		NC	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	
	88M40		NC	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	
	88N40		NC	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	
	89B40		NC	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	
	92A40		NC	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	
	92F40		NC	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	
	92S40		NC	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	
	92W40		NC	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	
	92Y40		NC	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	
	TOTAL			13	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13	13	
	E6	25F30	7D	NC	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
		42A30		NC	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
		63B30		NC	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
63H30		NC		1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	
74D30		2S	NC	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	
88N30			NC	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	
92A30			NC	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	
92G30			NC	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	
92M30			NC	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	
92Y30			NC	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	
TOTAL				11	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11	11
E5			27D20		NC	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	35F20		NC	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	
	42A20		NC	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	
	52D20		NC	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	

[illegible]

CATEGORY CODE 2

APPROVED DOCUMENT

MACOM NG
DOCNO 45413LNG01
CCNUM 0108

SECTION II - PERSONNEL

RECAPITULATION BY IDENTITY

[illegible]

CATEGORY CODE 2

STAFFING DOCUMENT

MACOM NG
DOCNO 05510ANG02
CCNUM 0108

AMSCO 114G0500

SECTION II - PERSONNEL

RECAPITULATION BY IDENTITY

[illegible]

CATEGORY CODE 2

STAFFING DOCUMENT

MACOM NG
DOCNO 05510ANG02
CCNUM 0108

SECTION II - PERSONNEL

RECAPITULATION BY IDENTITY

[illegible]

TOTAL				5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	5	
E9	00Z5O 2S	NC	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	
	11Z5O 2S	NC	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	
	TOTAL		3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3	
E8	11Z5O 2S	NC	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	
	13Z5O 2S	NC	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	
	21X5O 2S	NC	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	
	21Z5O 2S	NC	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	
	25U5O 2S	NC	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	
	31B5M 2S	NC	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	
	31B5O 2S	NC	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3	
	35F5O 2S	NC	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	
	74D5O 2S	NC	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	
	89D5O 2S	NC	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	
	92G5O 2S	NC	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	
	92Y5O 2S	NC	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	
	TOTAL		15	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15	15	
	E7	11B4O 2S	NC	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
		13F4O 2S	NC	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
		15Q4O 2S	NC	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
		21B4O 2S	NC	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
		21C4O 2S	NC	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
		21H4O 2S	NC	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
		21N4O 2S	NC	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2
21T4O 2S		NC	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	
31B4O 2SH3		NC	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	
31B4O 2SQ9		NC	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	
31B4O 2SV5		NC	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	
31B4O 2S		NC	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	
31E4O 2S		NC	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	
38B4O 2S		NC	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	
42A4O 2S		NC	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	
46Z4O 2S		NC	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	
68W4O 2S		NC	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	
74D4O 2S		NC	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	
88N4O 2S		NC	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	
92G4O		NC	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	
TOTAL			24	24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	24	24	
E6		13F3O	NC	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
		14J3O 2S	NC	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
		21B3O	NC	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2
	27D3O	NC	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	
	31B3O H3	NC	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	
	35F3O	NC	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	
	42A3O	NC	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	
	56M3O 2S	NC	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	
	68W3O	NC	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	
	74D3O	NC	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3	
	88N3O 2S	NC	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	
	92G3O	NC	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	
	92Y3O	NC	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	
	TOTAL		17	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	17	
	E5	21U2O	NC	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
		25B2O	NC	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
		35F2O	NC	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
35K2O		NC	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	
42A2O		NC	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	
46Q2O		NC	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	
88M2O		NC	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	
92A2O		NC	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	
92G2O		NC	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	
92Y2O		NC	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	
TOTAL			12	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12	12	
E4		13F1O		1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
	14J1O		1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	
	15Q1O		1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	
	21T1O		1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	
	21U1O		1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	
	25B1O		1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	
	25U1O		2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	
	31B1O		1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	
	35F1O		1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	
	35K1O		1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	
	42A1O		3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3	
	68W1O		1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	
	74D1O		1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	
	92A1O		1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	
	92G1O		2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	
	92Y1O		2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	
	TOTAL		21	21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	21	21	

[illegible]

	REQ	AUTH	REQ	AUTH	REQ	AUTH	REQ	AUTH	REQ	AUTH	REQ	AUTH	REQ	AUTH	REQ	AUTH	REQ	AUTH	REQ	AUTH				
IDENTITY	100	100	200	200	300	300	400	400	500	500	600	600	700	700	800	800	900	900	TOT	TOT				
OFFICER	15	15	5	5	6	6	0	0	0	0	0	0	0	0	0	0	0	0	26	26				
WARRANT	0	0	1	1	5	5	0	0	0	0	0	0	0	0	0	0	0	0	6	6				
ENLISTED	53	53	113	113	146	146	0	0	0	0	0	0	0	0	0	0	0	0	312	312				
TOTAL	68	68	119	119	157	157	0	0	0	0	0	0	0	0	0	0	0	0	344	344				
G R A D E	A S I O	A S I C	B R N C																					
E	POS	COS	LIC	COH	REQ 100	AUTH 100	REQ 200	AUTH 200	REQ 300	AUTH 300	REQ 400	AUTH 400	REQ 500	AUTH 500	REQ 600	AUTH 600	REQ 700	AUTH 700	REQ 800	AUTH 800	REQ 900	AUTH 900	REQ TOT	AUTH TOT
O5	90A00		LG		1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1		
TOTAL					1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1		
O4	90A00		LG		2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2		
TOTAL					2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2		
O3	25A00		SC		1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1		
35D00			MI		1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1		
56A00			CH		1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1		
88A00			TC		1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1		
90A00			LG		5	5	1	1	0	0	0	0	0	0	0	0	0	0	0	0	6	6		
91A00			OD		2	2	0	0	1	1	0	0	0	0	0	0	0	0	0	0	3	3		
92A00			QM		1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1		
TOTAL					12	12	1	1	1	1	0	0	0	0	0	0	0	0	0	0	14	14		
O2	88A00		TC		0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1		
91A00			OD		0	0	0	0	5	5	0	0	0	0	0	0	0	0	0	0	5	5		
92A00			QM		0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	2	2		
92F00			QM		0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1		
TOTAL					0	0	4	4	5	5	0	0	0	0	0	0	0	0	0	0	9	9		
W3	913A0		OD		0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	1	1		
914A0			OD		0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	1	1		
915E0			OD		0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	1	1		
919A0			OD		0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	1	1		
948B0			OD		0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	1	1		
TOTAL					0	0	0	0	5	5	0	0	0	0	0	0	0	0	0	0	5	5		
W2	920B0		QM		0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1		
TOTAL					0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1		
E9	00Z50		NC		1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1		
TOTAL					1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1		
E8	63Z5M		NC		0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	1	1		
63Z50			NC		0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	1	1		
92A5M			NC		0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1		
92A50 2S			NC		2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2		
92Y5M			NC		1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1		
TOTAL					3	3	1	1	2	2	0	0	0	0	0	0	0	0	0	0	6	6		
E7	25U40		NC		1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1		
42A40 2S			NC		1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1		
45K40 U1			NC		0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	1	1		
52X40			NC		0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	2	2		
63X40 2S			NC		1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1		
63X40			NC		0	0	0	0	3	3	0	0	0	0	0	0	0	0	0	0	3	3		
88M40			NC		0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1		
89B40			NC		1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1		
92A40			NC		0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	2	2		

[illegible]

[illegible]

CATEGORY CODE 2

APPROVED DOCUMENT

MACOM NG
DOCNO 11307GNG03
CCNUM 3008

SECTION II - PERSONNEL

RECAPITULATION BY IDENTITY

[illegible]

PAGE 1

MACOM FC
DOCNO 06465GFC13
CCNUM 0306

RECAPITULATION BY IDENTITY

[illegible]

[illegible]

[illegible]

CATEGORY CODE

APPROVED DOCUMENT

MACOM NG
DOCNO 05435GNG01
CCNUM 0108

SECTION II - PERSONNEL

RECAPITULATION BY IDENTITY

IDENTITY	REQ 100	AUTH 100	REQ 200	AUTH 200	REQ 300	AUTH 300	REQ 400	AUTH 400	REQ 500	AUTH 500	REQ 600	AUTH 600	REQ 700	AUTH 700	REQ 800	AUTH 800	REQ 900	AUTH 900	REQ TOT	AUTH TOT		
OFFICER	18	18	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	23	23		
WARRANT	2	2	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	4		
ENLISTED	61	61	85	85	0	0	0	0	0	0	0	0	0	0	0	0	0	0	146	146		
TOTAL	81	81	92	92	0	0	0	0	0	0	0	0	0	0	0	0	0	0	173	173		
GRADE	A A	B																				
RESID	S S	R																				
ADDR	I I	N																				
COMP	0 0	C	REQ 100	AUTH 100	REQ 200	AUTH 200	REQ 300	AUTH 300	REQ 400	AUTH 400	REQ 500	AUTH 500	REQ 600	AUTH 600	REQ 700	AUTH 700	REQ 800	AUTH 800	REQ 900	AUTH 900	REQ TOT	AUTH TOT
O5 21B00		EN	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
TOTAL			1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
O4 21B00		EN	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2
TOTAL			2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2
O3 01A00			1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
21B00		EN	7	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	7
25A00	6B	SC	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
35D00		MI	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
56A00			1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
90A00		LG	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
TOTAL			11	11	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12	12
O2 21B00		EN	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3
65D00		SP	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
88A00		TC	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
91A00		OD	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2
92A00		QM	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
TOTAL			4	4	4	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	8
W3 915E0		OD	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
919A0		OD	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
TOTAL			0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2
W2 919A0		OD	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
920A0		QM	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
TOTAL			2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2
E9 00Z50		NC	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
TOTAL			1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
E8 21X5M		NC	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
21Z50	2S	NC	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2
63Z5M		NC	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
TOTAL			3	3	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	4
E7 21B40	2S	NC	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2
21H40		NC	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
21N40	2S	NC	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
25U40	2S	NC	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
42A40	2S	NC	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
63X40		NC	0	0	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3
74D40	2S	NC	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
92A40		NC	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
92G40		NC	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
92Y40	2S	NC	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
TOTAL			8	8	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13	13
E6 21B30	2S	NC	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
21B30		NC	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3
21H30	2S	NC	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
21N30	2S	NC	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
21T30		NC	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
42A30		NC	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
62B30		NC	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
63B30		NC	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2
63H30		NC	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1

[illegible]

CATEGORY CODE

APPROVED DOCUMENT

MACOM NG
DOCNO 05439GNG01
CCNUM 0108

SECTION II - PERSONNEL

RECAPITULATION BY IDENTITY

[illegible]

